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BIOTECHNOLOGY UNIT

Products Names	Parameters	SOPs code reference method
Water	<i>Total Viable Count</i>	SOP-1 In accordance with ISO 6222
	<i>Total coliforms</i>	SOP-4 in accordance with ISO 9308-1
	<i>Escherichia coli</i>	SOP-4 In accordance with ISO 9308-1
	<i>Salmonella spp</i>	NQTLD/ MIC/ SOP-9 In accordance with ISO 19250
	<i>Pseudomonas aeruginosa</i>	NQTLD/ MIC/ SOP-13 In accordance with ISO16266
	<i>Intestinal enterococci/ Enterococcus faecalis</i>	NQTLD/ MIC/ SOP-15 In accordance with ISO7899
	<i>Spores of Sulfite reducing anaerobes</i>	<i>In accordance with ISO 6461-2</i>
	<i>Clostridium perfringens</i>	NQTLD/ MIC/ SOP-22 In accordance ISO14189
Food, feed and environmental samples	<i>Total viable counts</i>	SOP-2 in accordance with ISO 4833-1
	<i>Total coliforms</i>	SOP-3 in accordance with ISO 4832
	<i>Escherichia coli</i>	NQTLD/ MIC/ SOP-8 in accordance with ISO 16649-1
	<i>Salmonella spp</i>	NQTLD/ MIC/ SOP-10 In accordance with ISO 6579
	<i>Coagulase-positive staphylococci (Staphylococcus aureus and other species)</i>	NQTLD/ MIC/ SOP-12 In accordance with ISO 6888-1
	<i>Enterobacteriaceae</i>	NQTLD/ MIC/ SOP-14 in accordance with ISO 21528-2
	<i>Vibrio parahaemolyticus</i>	NQTLD/ MIC/ SOP-17 In accordance with 21872-1
Food, feed and environmental samples	<i>Vibrio cholerae</i>	NQTLD/ MIC/ SOP-17 In accordance with 21872-1
	<i>Sulfite reducing anaerobes</i>	<i>In accordance with ISO 15213</i>

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	<i>Shigellasp</i>	NQTLD/ MIC/ SOP-18 In accordance with ISO 21567
	<i>Compylobacterspp</i>	NQTLD/ MIC/ SOP-19 ISO 10272-1
	<i>Listeria Monocytogenes (enumeration)</i>	NQTLD/ MIC/ SOP-20 Part1 In accordance ISO 11290-1
	<i>Listeria Monocytogenes (detection)</i>	NQTLD/ MIC/ SOP-20 part 2 in accordance ISO 11290-2
	<i>Clostridium perfringens</i>	NQTLD/ MIC/ SOP-21 in accordance ISO7939
	<i>Clostridium perfringens</i>	NQTLD/ MIC/ SOP-22 In accordance ISO14189
	<i>Bacillus cereus</i>	NQTLD/MIC/SOP-23 in accordance with ISO 7932:2004
	<i>Mesophilic lactic acid bacteria</i>	NQTLD/MIC/SOP-24 in accordance with ISO15214:1998
dry market pulp, paper and paperboard after desintegration	<i>TVC ,Yeast And Moulds</i>	In accordance with ISO 8784-1
Food , feed and environmental samples with Greater water activity than 0.95	<i>Yeasts &Moulds</i>	NQTLD/ MIC/ SOP-5 in accordance with ISO 21527-1
Food, feed and environmental samples with water activity Less than0.95	<i>Yeasts &Moulds</i>	NQTLD/ MIC/ SOP-6 In accordance with ISO 21527-2
Milk and milk Products	<i>Yeasts &Moulds</i>	NQTLD/ MIC/ SOP-7 In accordance with ISO 661
Cosmetic	<i>Pseudomonas aeruginosa</i>	NQTLD/ MIC/ SOP-16 In accordance with ISO22717

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MATERIAL TESTING UNIT		
CEMENT	Initial setting time	RS EAS 148-1
	Final setting time of cement	RS EAS 148-1
	Compressive strength of cement (including strength for 2 days or 7 days and 28 days strength)	RS EAS 148-1
	Lost on ignition	RS EAS 148-2:2004
	Cement soundness	RS EAS 148-1:2004
ROOFING SHEETS	Zinc coating mass and Base Metal thickness of roofing sheets	RS EAS 11
	Tensile strength of roofing sheets	RS EAS 11
	Marking of roofing of sheets	RS EAS 11 RS EAS 468 EAS 410
	Dimensional test of roofing sheets	RS EAS 11 RS EAS 468 RS EAS 410
	CEMENT BLOCKS / BRICKS	Water absorption of bricks and Blocks
Compressive strength of Bricks and blocks		RS 568
Dimensional test of brick s/ block s		RS 568
PAVING BLOCKS	Water absorption of Blocks	RS 415
	Compressive strength of block s	RS 415
	Dimensional test of paving block s	RS 415
BURNT BRICKS	Water absorption of burnt brick s	RS 359
	Compressive strength of burnt bricks	RS 359
	Dimensional test of burnt brick s	RS 359
CRAY ROOFING TILES	Flexural strength of roofing Tiles	RS 358
	Water absorption test of roofing tiles	RS 358
	Dimensional test roofing tiles	RS 358

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CONCRETE	Compressive strength of hardened concrete cubes or cylinders	RS ISO1920-4
AGGREGATE/SAND	Particle size distribution by sieve analysis	RS 211-1
Plastic pipes	Resistance to internal hydrostatic pressure	ISO 1167
Plastics	Tensile test	ISO and ASTM Standards
	Dimensional Test	ISO and ASTM Standards
Steel bars for reinforcing of concrete	Tensile strength/ Yield strength/ elongation	
	bar diameter6mm	RS ISO 6892-1
	bar diameter8mm	RS ISO 6892-1
	bar diameter 10mm	RS ISO 6892-1
	bar diameter 12mm	RS ISO 6892-1
	bar diameter 14mm	RS ISO 6892-1
	bar diameter 16mm	RS ISO 6892-1
	bar diameter 20mm	RS ISO 6892-1
	bar diameter 25mm	RS ISO 6892-1
	bar diameter 32mm	RS ISO 6892-1
	Dimensional test of steelbars	RS ISO 6935-1& 2
	Three points Bend test of steelbars for reinforcing of concrete	
	bar diameter 6mm,8mm,10mm,12mm	RS ISO 15630-1
	bar diameter 14mm and 16mm	RS ISO 15630-1
	bar diameter 20mm and 25mm	RS ISO 15630-1
	bar diameter 32mm and above	RS ISO 15630-1
	Three points Bend test of other metallic materials	RS ISO: 7438
	Dimensional test of Metallic materials	PRODUCT RELATED
Structural steels- Hollow sections	Tensile strength	RS ISO 6892-1
	Dimensional test	ISO 4019
Steel plates and sheets	Tensile properties	PRODUCT RELATED
	Dimensional test	PRODUCT RELATED
polyethylene water tanks	Resistance to deformation	RS 128
	Tensile properties	RS 128
	Dimensional test	RS 128
Metals	Brinell Hardness of metals	RS ISO 6506-1
	Chemical composition (XRF test for up to44 elements:Na,Mg,Al,Si,P,S,Cl,K,Ca,Sc,Ti,V	NQTL/ MTL/ NDT/ SOP-1

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	Cr,Mn,Fe,Co,Ni,Cu,Zn,As,Se,Rb,Sr,Zr,,Nb,Mo, Ru,Pd,Ag,Cd,Sn,Sb,Te,Cs,Ba,Hf,Ta,W,Au, Hg,Pb,Bi,Th and U)	
SOILS AND ROCKS	Chemical composition (XRF test for up to 44 elements:Na,Mg,Al,Si,P,S,Cl,K,Ca,Sc,Ti,V Cr,Mn,Fe,Co,Ni,Cu,Zn,As,Se,Rb,Sr,Zr,,Nb,Mo, Ru,Pd,Ag,Cd,Sn,Sb,Te,Cs,Ba,Hf,Ta,W,Au, Hg,Pb,Bi Th and U)	NQTL/ MTL/ NDT/ SOP-1
Solid Materials	Total carbon and total sulfur	ISO and ASTM standards
ELECTRICAL CABLES	Marking	RS IEC 60227-1
	Chemical composition of cable conductor material	NQTL/ MTL/ NDT/ SOP-1
	Resistance of electrical cables rolls (100m roll min.)	RS IEC 60227-2
School chalk	Chemical composition	NQTL/ MTL/ NDT/ SOP-1
	Moisture content of powder materials	EAS 25
	Product Dimensional test	EAS 25
	Product Marking inspection	EAS 25
Wax matches	Burning quality	RS EAS 125
	Inspection of sticks	RS EAS 125
Plastics	Melt flow Index	ISO 1133-1
CONDOMS	Freedom from holes of condoms	RS ISO 4074
	Condom strength Bursting volume and Bursting pressure of condoms	RS ISO 4074
	Pack seal integrity of condoms	RS ISO 4074
	Condoms dimensions (width and length)	RS ISO 4074
	Thickness of condoms and Quantity of lubricant in condom container	RS ISO 4074
	Design and inspection of labeling requirements	RS ISO 4074
MATRESS	Tensile properties	RS EAS 7-1
	Tear resistance	RS EAS 7-1
	Density	RS EAS 7-1
	Dimensions	RS EAS 7-1
	Marking	RS EAS 7-1
LEATHER MATERIALS	Tensile strength of leather materials and Percentage extension of leather materials	ISO 3376
	Resistance to tearing load of leather materials	ISO 3377-1 & 2
	Thickness of leather materials	RS ISO 2589
	Flex resistance of leather materials	ISO 5402

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	Apparent density	ISO 2420
PAPERS PRODUCTS AND PACKAGING PAPERS		
TOILET PAPER	Tensile strength	RS EAS 355
	Tear strength	RS EAS 355
	Tissue paper substance/ grammage	RS EAS 355
	Dimensional test	RS EAS 355
	Moisture content	ISO 287
BASE PAPER FOR WAXED BREAD WRAP	Bursting strength	ISO 2758
	Tearing strength	ISO 1924
	Substance/ grammage	ISO 536
PAPER SERVIETTES (NAPKINS)	Tensile strength	ISO 12625-5
	Moisture content	ISO 287
FACIAL TISSUE PAPER	grammage	ISO 12625-8
	Tensile strength	ISO 12625-6
OFFICE PAPERS	Grammage	ISO 536
	Moisture content	ISO 287
	Elmendorf Tear index	ISO 1974
	Water absorptiveness	ISO 535
PHOTOCOPY PAPER	Grammage	ISO 536
	Moisture content	ISO 287
	Thick ness	ISO 534
	Elmendorf Tear index	ISO 1974
CEMENT BAGS PAPER	Grammage	ISO 536
	Moisture content	ISO 287
	Tensile strength	ISO 1924-2
	Porosity	ISO 5636
	Elmendorf Tear resistance	ISO 1974
	Water absorptivness	ISO 535
WAXED PAPER FOR BREAD WRAP	Heavy metal content	NQTL/ MTL/ NDT/ SOP-1
	Grammage	ISO 536
	Bursting strength	ISO 2758
SACK KRAFT PAPER	Grammage	ISO 536
	Moisture content	ISO 287
	Tensile strength	ISO 1924-3
	Water absorptivness	ISO 535
	Tear index	ISO 1924-3
	Tensile index	ISO 1924-3
	Bursting strength	ISO 2758
PAPER BAGS	Grammage	ISO 536
	Bursting strength	ISO 2758
	Elmendorf Tearing resistance	ISO 1974
	Water absorptiveness	ISO 535

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WRAPPING PAPER	Grammage	ISO 536
	Bursting strength	ISO 2758
	Tearing resistance	ISO 1974
TEXTILE	Tensile strength	ISO 13934-1
	Tear strength	ISO 9073-4
	Specific weight(mass per unit area)	ISO 3801
	Dimensional test	ISO 22198
	Color fastness to washing	ISO 105-C06
	Color fastness to rubbing	ISO 105-X12
CHEMICAL TESTING UNIT		
FOOD AGRICULTURE AND MYCOTOXIN		
Tea and tea products	Moisture content	NQTL D/ FAL/ SOP-7
	Dry matter	NQTL D/ FAL/ SOP-7
	Total ash content	NQTL D/ FAL/ SOP-8
	Acid insoluble ash	NQTL D/ FAL/ SOP-10
	water soluble ash	NQTL D/ FAL/ SOP-12
	Alkalinity of water soluble ash	NQTL D/ FAL/ SOP-13
	Water extract	NQTL D/ FAL/ SOP-11
	Crude fiber	NQTL D/ FAL/ SOP-9
	Caffeine	HPLC method
	Moisture content	NQTL D/ FAL/ SOP-7
Coffee and coffee products	Moisture content	NQTL D/ FAL/ SOP-14
	Total ash	NQTL D/ FAL/ SOP-15
	Acid insoluble ash	NQTL D/ FAL/ SOP-16
	Alkalinity of water soluble ash	NQTL D/ FAL/ SOP-18
	Petroleum ether extract	NQTL D/ FAL/ SOP-19
	Water soluble matter	NQTL D/ FAL/ SOP-17
	Caffeine	HPLC method
	Ochratoxin A	NQTL D/ FAL/ SOP-33
Bread	Moisture Content	RS EAS 43:2012
	pH of aqueous extract	RS EAS 43:2012
	Acid insoluble ash	RS EAS 43:2012
	Crude fiber	NQTL D/ FAL/ SOP-9
	Fat content	NQTL D/ FAL/ SOP-6
	Aflatoxins (B1,B2,G1& G2,)	NQTL D/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTL D/ FAL/ SOP-30
Rice	Head Rice	ISO 7301:2011
	Broken Rice	ISO 7301:2011
	Damaged Rice	ISO 7301:2011
	Chalk y	ISO 7301:2011
	Red or Redstreaked	ISO 7301:2011
	Organic matters	ISO 7301:2011
	Inorganic matters	ISO 7301:2011
	Paddy grains	ISO 7301:2011
	Moisture content	NQTL D/ FAL/ SOP-2

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	Live weevils	ISO 7301:2011
	Filth	ISO 7301:2011

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	Aflatoxins B1,B2,G1 and G2	NQTLD/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTLD/ FAL/ SOP-30
Fresh milk	Fat content	NQTLD/ FAL/ SOP-24
	Total Solid	NQTLD/ FAL/ SOP-24
	freezing point depression	NQTLD/ FAL/ SOP-24
	Lactose	NQTLD/ FAL/ SOP-24
	Protein content	NQTLD/ FAL/ SOP-24
	pH	RS 38:2012
	Solid Non Fat	NQTLD/ FAL/ SOP-24
	Density	NQTLD/ FAL/ SOP-24
	Acidity	NQTLD/ FAL/ SOP-24
	pH variation	RS 38:2013
	Foreign matters	RS 38:2013
	Aflatoxin M1	NQTLD/ FAL/ SOP-31
Milk powder	Fat content	GEA Niro A9a
	Protein content	NQTLD/ FAL/ SOP-5
	Total solids	GEA Niro A1b
	Total ash	RS 45:2004
	Moisture content	GEA Niro A1b
	Insolubility index	GEA Niro A3a
	Titrateable acidity	GEA Niro A19a
	Aflatoxin M1	NQTLD/ FAL/ SOP-31
	Fat content	GEA Niro A9a
Cheese	Dry matter	NQTLD/ FAL/ SOP-22
	Moisture content	NQTLD/ FAL/ SOP-22
	Fat content	NQTLD/ FAL/ SOP-23
	Protein	FT 120 – AN 96a
	Salt	FT 120 – AN 96a
	TS	FT 120 – AN 96a
Yoghurt	Protein	NQTLD/ FAL/ SOP-25
	TS	NQTLD/ FAL/ SOP-25
	SNF	NQTLD/ FAL/ SOP-25
	Glucose	NQTLD/ FAL/ SOP-25
	Fructose	NQTLD/ FAL/ SOP-25
	Sucrose	NQTLD/ FAL/ SOP-25
	Lactose	NQTLD/ FAL/ SOP-25
	Carbohydrates	NQTLD/ FAL/ SOP-25
	Fat	NQTLD/ FAL/ SOP-25
	Lactic acid (TTA)	NQTLD/ FAL/ SOP-25
	Aflatoxin M1	NQTLD/ FAL/ SOP-31
Cream	Fat content	FT 120 – AN 98b
	Protein	FT 120 – AN 98b
	TS	FT 120 – AN 98b
	SNF	FT 120 – AN 98b
Whey	Fat	FT 120 – AN 110a

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	Total Solid	FT 120 – AN 110a
	Protein	FT 120 – AN 110a
Improved milk	Density	NQTLD/ FAL/ SOP-24
	Protein content	NQTLD/ FAL/ SOP-24
	Fat Content	NQTLD/ FAL/ SOP-24
	TS	NQTLD/ FAL/ SOP-24
	SNF	NQTLD/ FAL/ SOP-24
	Lactose	NQTLD/ FAL/ SOP-24
	FPD	NQTLD/ FAL/ SOP-24
	Acidity	NQTLD/ FAL/ SOP-24
	Citric Content	NQTLD/ FAL/ SOP-24
	FFA	NQTLD/ FAL/ SOP-24
	Aflatoxin M1	NQTLD/ FAL/ SOP-31
Juice	Glucose	NQTLD/ FAL/ SOP-27
	Fructose	NQTLD/ FAL/ SOP-27
	Sucrose	NQTLD/ FAL/ SOP-27
	Citric acid	NQTLD/ FAL/ SOP-27
	Malic acid	NQTLD/ FAL/ SOP-27
	Total Carbohydrates	NQTLD/ FAL/ SOP-27
	TS	NQTLD/ FAL/ SOP-27
	Soluble solids (Brix)	RS 77:2004
	pH	RS 77:2004
Fermented milk	Fat	NQTLD/ FAL/ SOP-25
	Protein	NQTLD/ FAL/ SOP-25
	TS	NQTLD/ FAL/ SOP-25
	Aflatoxin M1	NQTLD/ FAL/ SOP-31
Concentrated milk	Fat	FT 120 – AN 113a
	TS	FT 120 – AN 113a
	SNF	FT 120 – AN 113a
	Aflatoxin M1	NQTLD/ FAL/ SOP-31
Infant Formula	Fat	FT 120 – AN 112a
	TS	FT 120 – AN 112a
	SNF	FT 120 – AN 112a
	Aflatoxin M1	NQTLD/ FAL/ SOP-31
Honey	Glucose content	NQTLD/ FAL/ SOP-26
	Sucrose content	NQTLD/ FAL/ SOP-26
	Fructose content	NQTLD/ FAL/ SOP-26
	Citric acid	NQTLD/ FAL/ SOP-26
	Malic acid	NQTLD/ FAL/ SOP-26
	Total carbohydrates	NQTLD/ FAL/ SOP-26
	TS	NQTLD/ FAL/ SOP-26
Maize grains	Moisture content	NQTLD/ FAL/ SOP-2
	Foreign matter	ISO 605
	Inorganic matter	ISO 605
	Broken grains	RS 25:2004
	Rotten and Diseased grains	RS 25:2004
	Total defective grains	RS 25:2004

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	Live weevils	ISO 605
	Filth	ISO 605
	Aflatoxins B1,B2,G1 and G2	NQTLD/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTLD/ FAL/ SOP-30
Dry beans	Moisture content	NQTLD/ FAL/ SOP-38
	Foreign matter	ISO 605
	Inorganic matter	ISO 605
	Broken grains	EAS 46:2002
	Total defective grains	EAS 46:2002
	Pest defective grains	EAS 46:2002
	Other defective grains	EAS 46:2002
	Live weevils	ISO 605
	Filth	ISO 605
	Aflatoxins B1,B2,G1 and G2	NQTLD/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTLD/ FAL/ SOP-30
Processed cereals (Flours)	Moisture content	NQTLD/ FAL/ SOP-38
	Total ash	NQTLD/ FAL/ SOP-39
	Acid insoluble ash	NQTLD/ FAL/ SOP-4
	Fiber content	NQTLD/ FAL/ SOP-42
	Fat content	NQTLD/ FAL/ SOP-41
	Protein	NQTLD/ FAL/ SOP-40
	Granularity	RS 268:2007
	Starch	NIRS DS2500
	Total carbohydrates	RS 268:2007
	Aflatoxins B1,B2,G1 and G2	NQTLD/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTLD/ FAL/ SOP-30
Cassava flour and ground cassava	Moisture content	NQTLD/ FAL/ SOP-38
	Crude ash	NQTLD/ FAL/ SOP-8
	Acid insoluble ash	NQTLD/ FAL/ SOP-4
	Crude fiber	NQTLD/ FAL/ SOP-42
	Starch	NIRS DS2500
	Aflatoxins B1,B2,G1 and G2	NQTLD/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTLD/ FAL/ SOP-30
Animal feeds	Moisture content	NQTLD/ FAL/ SOP-35
	Crude ash	NQTLD/ FAL/ SOP-36
	Acid insoluble ash	NQTLD/ FAL/ SOP-4
	Crude fiber	NQTLD/ FAL/ SOP-42
	Crude Fat	ASN 3414

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	Crude Protein	NIRS DS2500
	Total carbohydrates	RS 268:2007
	Aflatoxins B1,B2,G1 and G2	NQTL D/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTL D/ FAL/ SOP-30
Biscuits	Moisture content	NQTL D/ FAL/ SOP-20
	Acid insoluble ash	NQTL D/ FAL/ SOP-21
Macademia kernels	Moisture	NQTL D/ FAL/ SOP-38
	Total ash	NQTL D/ FAL/ SOP-38
	Oil content	ASN 3307
	Shrunk en and Shriveled k ernels	RS 170:2012
	Mouldy k ernels	RS 170:2012
	Rotten and insects damaged	RS 170:2012
	Live insects	ISO 605
	Foreign matters	ISO 605
	Aflatoxins B1,B2,G1 and G2	NQTL D/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTL D/ FAL/ SOP-30
Groundnuts	Moisture content	EAS 57:2000
	Damaged k ernels	EAS 57:2000
	Other defects	EAS 57:2000
	Unshelled k ernels	EAS 57:2000
	Total defectives k ernels	EAS 57:2000
	Foreign matters	ISO 605
	Oil content	ASN 3307
	Aflatoxins B1,B2,G1 and G2	NQTL D/ FAL/ SOP-1
	Mycotoxins (Aflatoxins, Fumonisin B1 & B2, Ochratoxin A, Zearalenone, T2- Toxins, Patulin, and Deoxynivalenol)	NQTL D/ FAL/ SOP-30
Sweets	Moisture content	AOAC - 925.45
	Total ash	RS 94:2007
	Acid insoluble ash,	RS 94:2007
	Sulfated ash,	RS 94:2007
Toffu	Moisture content	NQTL D/ FAL/ SOP-38
	Crude fat	ASN 3136
	Crude protein	NQTL D/ FAL/ SOP-5
Urea	Moisture	NQTL D/ FAL/ SOP-28
	Nitrogen	NQTL D/ FAL/ SOP-40
	Ash	RS 73:2013
	pH	RS 71:2013
NPK	Moisture	NQTL D/ FAL/ SOP-28
	Nitrogen	NQTL D/ FAL/ SOP-40
	Phosphorus	KS 157:1998
	Potassium	NQTL D/ ICH/ SOP-16
	pH	RS 71:2013

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Calcium ammonium nitrate	Moisture	NQTLD/ FAL/ SOP-28
	Nitrogen	NQTLD/ FAL/ SOP-40
Potassium chloride/MOP	Moisture	NQTLD/ FAL/ SOP-28
	Potassium	NQTLD/ ICH/ SOP-16
	pH	RS 71:2013
DAP/ MAP	Moisture	NQTLD/ FAL/ SOP-28
	Nitrogen	NQTLD/ FAL/ SOP-40
	Phosphorus	KS 157:1998
	pH	RS 71:2007
Compost/ Organic Manure	Moisture	NQTLD/ FAL/ SOP-28
	Nitrogen	NQTLD/ FAL/ SOP-40
	Phosphorus	KS 157:1998
	Potassium	NQTLD/ ICH/ SOP-16
	Organic matters	RS 73:2013
	C/ N Ratio	Conversion method
	pH	RS 71:2007
Chili sauce	Total solids	RS 123:2012
	Acidity as acetic acid	RS 123:2012
	pH	RS 123:2012
Pyrethrin extract	Pyrethrins	NQTLD/ FAL/ SOP-34
Chili oil	Acidity as acetic acid	RS 169:2013
	pH	RS 169:2013
	Peroxide value	RS 169:2013
Food supplement/ foodstuff	Vitamins (Water and Fat soluble)	HPLC method
CHEMICAL TESTING UNIT ORGANIC CHEMISTRY		
Alcoholic beverages	Ethyl Alcohol Content	NQTLD/ OCH/ SOP - 20
	Total acids	
	Volatile acids	
	Total sulphur dioxide(T-SO2)	
	pH	
	Glucose-Fluctose	
	Malic acid	
	Lactic acid	
	Citric acid	
	Tartaric acid	
	Carbon dioxide (CO2)	
	Density	
	Folin C index	
	Fructose	
	Free Sulfur dioxide(F-SO2)	
	Glycerol	
	Reducing sugar	
	Total Dissolved solids	NQTLD/ OCH/ SOP - 20
	pH for cloud beer	
	Aldehydes as Acetaldehyde	NQTLD/ OCH/ SOP - 32

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	Esters as Ethyl acetate	
	Methanol	
	1-Propanol	
	2-Propanol or Isopropanol	
	1-Butanol	
	2-Butanol	
	1-Pentanol or n-Pentanol or Amyl alcohol	
	Iso-amyl alcohol	
	Total solids	NQTLD/ OCH/ SOP - 06
Sk in care creams, Lotions, gel	Thermal stability	NQTLD/ OCH/ SOP - 16
	pH range	RS EAS 786: 2013
	Total fatty substance content	NQTLD/ OCH/ SOP – 15
	Hydroquinone	NQTLD/ OCH/ SOP – 13
Pomades and solid brilliantines	Sulphated ash	NQTLD/ OCH/ SOP – 18
Hair cream	Thermal stability	NQTLD/ OCH/ SOP – 16
	pH range	NQTLD/ OCH/ SOP – 34
Diesel or gasoline	Cetane number	FT-IR
	Cetane index	
	Density	
	Polycyclic aromatic hydrocarbons	
	Flash point	
	Kinematic viscosity	
	Distillation	
	Fatty acid methyl esters	
	Cetane improver	
	Aromatics	
	Distillation	ASTM D86
Engine oil	Viscosity index	ASTM D445-09
	Kinematic viscosity	ASTM D1298
	Specific gravity/ Relative density	
	API Gravity	
Gasoline	Oxygenates	FT-IR
	Distillation	ASTM D86
	Colour	Visual inspection
	Appearance	
	Toluene	FT-IR
	M – xylene	
	O – xylene	
	P - xylene	
	Ethyl benzene	
	3 – Ethyl toluene	
	4 – Ethyl toluene	
	Mesitylene	
	Pseudocumene	
	Hemellitol	
	Naphtalene	

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	Oxygen	
	Olefins	
	Aromatics	
	Saturates	
	Anti – k nock ing index (AKI)	
	Dry vapor pressure equivalent (DVPE)	
	Methylcyclopentadienyl manganese tr icarbonyl (MMT)	
	Density	ASTM D4052
Jet A1	Appearance	Visual inspection
	Aromatics	FT-IR
	Distillation	ASTM D86
	Density	ASTM D4052
	Freezing point	FT-IR
	Polycyclic aromatics hydrocarbons	
	Fatty acid methyl esters (FAMES)	
	Smok e point	
	Flash point	ASTM D93
	Distillation temperature	ASTM D86
	Kinematic viscosity	ASTM D445-09
	Freezing point	FT-IR
	Appearance	Visual inspection
	Aromatics	FT-IR
	Density	ASTM D4052
	Polycyclic aromatics hydrocarbons	FT-IR
	Fatty acid methyl esters (FAMES)	
	Smok e point	
Sanitary towels	Absorbency capacity	NQTLD/ OCH/ SOP - 21
	pH value	NQTLD/ OCH/ SOP - 23
	Moisture content of filler material	NQTLD/ OCH/ SOP - 22
Toilet paper	Water absorption	NQTLD/ OCH/ SOP - 36
	pH value, hot extract	NQTLD/ OCH/ SOP - 35
	Moisture content	NQTLD/ OCH/ SOP - 37
Scouring powder	pH of 1% solution	EAS 294:2001
	Volatile matter	
	Free alkali content	
	Alkali salts content	
	Matter insoluble in water	
Sk in powder	Matter insoluble in boiling water	NQTLD/ OCH/ SOP - 29
	Moisture and volatile matter	NQTLD/ OCH/ SOP - 31
	pH of aqueous suspension	NQTLD/ OCH/ SOP - 30
Laundry bar soap	Total fatty matter	NQTLD/ OCH/ SOP - 12
	Matter insoluble in water	NQTLD/ OCH/ SOP - 10
	Matter insoluble in ethanol	NQTLD/ OCH/ SOP - 11
	Moisture and volatile matter content	NQTLD/ OCH/ SOP - 38

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	Total free alkali as NaOH	NQTLD/ OCH/ SOP - 08
	Free caustic alkali as NaOH	NQTLD/ OCH/ SOP - 09
Liquid detergent	Solubility in water	NQTLD/ OCH/ SOP - 33
	Rinsing properties	RS EAS 383: 2013
	pH at 27 degree celcius at 1% solution	NQTLD/ OCH/ SOP - 24
	Matter insoluble in water	NQTLD/ OCH/ SOP - 10
	pH value range	NQTLD/ OCH/ SOP - 24
Toilet soap	Total fatty matter	NQTLD/ OCH/ SOP - 12
	Matter insoluble in ethanol	NQTLD/ OCH/ SOP - 11
	Free caustic alkali as NaOH	NQTLD/ OCH/ SOP - 09
Liquid soap	Matter insoluble in ethanol	NQTLD/ OCH/ SOP - 11
	Free caustic alkali as K ₂ O	NQTLD/ OCH/ SOP - 09
	pH	NQTLD/ OCH/ SOP - 19
INORGANIC CHEMISTRY		
Physical and chemical parameters in water	pH	NQTLD/ ICH/ SOP-15
	Total Dissolved Solids, TDS	TDS/ Conductivity meter
	Total hardness	NQTLD/ICH/SOP-22
	Turbidity	NQTLD/ICH/SOP-29
	Alkalinity	EPA Method310.1
	Electrical Conductivity	NQTLD/ICH/SOP-28
	Sulfate as SO ₄ ²⁻	NQLD/ ICH/ SOP-14
	Free Chlorine	ISO 7393:2012
	Chloride as Cl ⁻	NQTLD/ ICH/ SOP-8
Water(Analysis of heavy metals byAAS)	Sodium as Na	NQTLD/ ICH/ SOP-13
	Potassium as K	
	Magnesium as Mg	
	Manganese as Mn	

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	Zinc as Zn	
	Iron as Fe	
Water (Analysis of heavy metals byAAS	Copper as Cu	
	Nick el as Ni	
	Cobalt as Co	
Analysis of heavy metals by using ICP/ MS	Lead as Pb	ISO 172924:2016
	Arsenic as As	
	Mercury as Hg	
	Cadmium as Cd	
	Tin as Sn	
	Thallium as Tl	
	Molybdenum as Mo	
	Aluminium as Al	
	Niobium as Nb	
	Caesium as Cs	
	Francium as Fr	
	Strontium as Sr	
	Barium as Ba	
	Radium as Ra	

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	Scandium as Sc	
	Ytrium as Y	
	Aluminium as Al	
	Rubidium as Rb	
	Titanium as Ti	
	Vanadium as V	
	Chromium as Cr	
	Gallium as Ga	
	Germanium as Ge	
	Arsenic as As	
	Zirconium as Zr	
	Thallium as Tl	
	Mercury as Hg	
	Niobium as Nb	
	Molybdenum as Mo	
	Ruthenium as Ru	
	Rhodium as Rh	
	Palladium as Pd	
	Silver as Ag	
	Gold as Au	

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	Cadmium as Cd	
	Tin as Sn	
	Antimony as Sb	
	Indium as In	
	Platinum as Pt	
	Hafnium as Hf	
	Thorium as Th	
	Bismuth as Bi	
	Tellurium as Te	
	Silicon as Si	
	Selenium as Se	
<ul style="list-style-type: none"> Digestible samples (Food beverages, Cosmetics and Environmental related matrices)_ Analysis of heavy metals byAAS; 	Sodium as Na	NQTLD/ ICH/ SOP-12
	Potassium as K	
	Iron as Fe	
	Copper as Cu	
	MagnesiumMg	
	Manganese as Mn	
	Zinc as Zn	
	Lead as Pb	
	Arsenic as As	
	Mercury as Hg	
	Cadmium as Cd	
	Tin as Sn	
	Thallium as Tl	
	Molybdenum as Mo	
	Aluminium as Al	
	Niobium as Nb	
	Caesium as Cs	
	Francium as Fr	
Strontium as Sr		

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	Radium as Ra	
	Scandium as Sc	
	Yttrium as Y	
	Aluminium as Al	
	Rubidium as Rb	
	Titanium as Ti	
	Vanadium as V	
	Chromium as Cr	
	Gallium as Ga	
	Germanium as Ge	
	Arsenic as As	
	Zirconium as Zr	
	Thallium as Tl	
	Mercury as Hg	
	Niobium as Nb	
	Molybdenum as Mo	
	Ruthenium as Ru	
	Scandium as Sc	
	Yttrium as Y	
	Aluminium as Al	
	Rubidium as Rb	
	Titanium as Ti	
	Vanadium as V	
	Chromium as Cr	
	Gallium as Ga	
	Germanium as Ge	
	Arsenic as As	
	Zirconium as Zr	
	Thallium as Tl	
	Mercury as Hg	
	Niobium as Nb	
	Molybdenum as Mo	
Honey	Moisture content	AOAC 969.38B
	Total ash	NQTLD/ICH/SOP-23
	Acidity	NQTLD/ICH/SOP-20
	Fiehe's test	RS 164:2016
	Relative Density	NQTLD/ICH/SOP-11
Sugar	Polarization	NQTLD/ICH/SOP-21
	Moisture Content	NQTLD/ICH/SOP-25
	Sulfur dioxide	KS 05-58:1998
	Conductivity ash	NQTLD/ICH/SOP-26

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	Colour	KS 05-58:1998
Salts		
	Sulfates	KS 05-2029:1989
	Total Chloride as (NaCl)	KS 05-2029:1989
	Iodine	NQTLD/ ICH/SOP-17
	Moisture content	KS 05-2029:1989
Cooking oil	Refractive Index	NQTLD/ICH/SOP-18
	Moisture and Matter volatile	NQTLD/ICH/SOP-25
	Peroxide value	NQTLD/ICH/SOP-5
	Saponification Value	NQTLD/ ICH/SOP- 6
	Acid value	NQTLD/ICH/SOP-7
	Relative Density	KS 05-2029:1989
	Iodine value	NQTLD/ICH/SOP-19
	Soap content	NQTLD/ICH/SOP-3
MEDICAL AND PHARMACEUTICAL TESTING UNIT		
Abacavir Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Abacavir and Lamivudine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Acetaminophen or Paracetamol Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-009, Equivalent to USP 41 NF 36, Volume I.
Acetaminophen Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Acetaminophen and Aspirin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Acetaminophen , Aspirin , and Caffein (Hedex) Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-044, Equivalent to USP 41 NF 36, Volume I.
Acetaminophen and Caffein Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Acetazolamide Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Acetylsalicylic acid or Aspirin tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Aspirin Delayed-Release/ Enteric-coated/ Gastro-resistant tablets	Identification, Assay, Disintegration and Dissolution.	USP 41 NF 36 Volume I.
Asprin Extended /sustained/prolonged-Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Acyclovir capsules	Identification, Assay, uniformity of	USP 41 NF 36 Volume I.

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	weight, Disintegration and Dissolution	
Acyclovir tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Albendazole tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-008 Equivalent to USP 41 NF 36, Volume I
Albendazole chewable tablets	Identification, Assay, uniformity of weight, Friability and Dissolution	NQTLD/MPTU/SOP-047 Equivalent to Int. P
Allopurinol tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Aminophylline tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Aminophylline Delayed-Release/ Enteric-coated/ Gastro-resistant Tablets	Identification, Assay, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Amitriptyline Hydrochloride tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Amlodipine besylate tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Amoxicillin capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	NQTLD/MPTU/SOP-001 Equivalent to USP 41 NF 36, Volume I.
Amoxicillin tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-050 Equivalent to USP 41 NF 36, Volume I.
Amoxicillin and Clavulanate Potassium tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Amoxicillin and Clavulanic Acid Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Ampicillin Powder for injection	Identification, Assay and uniformity of weight	NQTLD/MPTU/SOP-014 Equivalent to USP 41 NF 36, Volume I.
Artesunate Powder for injection	Identification, Assay and uniformity of weight.	NQTLD/MPTU/SOP-002 Equivalent to USP 41 NF 36, Volume I.
Ascorbic acid tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Atazanavir Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	Int.P
Atenolol tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-07 Equivalent to USP 41 NF 36, Volume I

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Azithromycin tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-033 Equivalent to USP 41 NF 36, Volume I
Bisacodyl Delayed-Release/ Enteric-coated/ Gastro-resistant Tablets	Identification, Assay, Disintegration and Dissolution	NQTLD/MPTU/ SOP-031 Equivalent to USP 41 NF 36, Volume I
Capreomycin powder for injection	Identification, Assay and uniformity of weight	USP 41 NF 36, Volume I
Captopril tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Carbamazepine tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-024 Equivalent to USP 41 NF 36, Volume I
Carbamazepine Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Cefadroxil Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP41 NF36 Volume I
Cefadroxil tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP41 NF36 Volume I
Cefixime tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-019 Equivalent to USP 41 NF 36, Volume I
Cefotaxime Sodium for injection	Identification, Assay and uniformity of weight	USP41 NF36 Volume I
Cefuroxime Axetil tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP41 NF36 Volume I and British P, VOL 3
Cefuroxime Sodium for injection	Identification, Assay and uniformity of weight	British Ph, Volume 3
Cephalexin capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Cephalexin tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Chloramphenicol capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	NQTLD/MPTU/SOP-023 Equivalent to USP 41 NF 36, Volume I
Chlorpheniramine maleate tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Chlorpromazine hydrochloride tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP41 NF36 Volume I
Chlorzoxazone and Paracetamol Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-060 Equivalent to USP 41 NF 36, Volume I
Cimetidine tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and	USP 41 NF 36 Volume I.

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	Dissolution	
Ciprofloxacin hydrochloride tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-006 Equivalent to USP 41 NF 36, Volume I
Ciprofloxacin hydrochloride Extended/sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Clarithromycin tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-013 Equivalent to USP 41 NF 36, Volume I
Clarithromycin Extended/sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Clofazimine Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36, Volume I
Clomiphene Citrate Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Cloxacillin Sodium Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Coartem Artemether/Lumefantrine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-17 equivalent to Int.P
Cycloserine Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36, Volume I
Diclofenac Potassium Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-055 Equivalent to USP 41 NF 36, Volume I
Diclofenac sodium Delayed-Release/ Enteric-coated/ Gastro-resistant Tablets	Identification, Assay, Disintegration and Dissolution	NQTLD/MPTU/SOP-018 Equivalent to USP 41 NF 36, Volume I
Diclofenac sodium Extended/sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	NQTLD/MPTU/SOP-063 Equivalent to USP 41 NF 36, Volume I
Diclofenac sodium and Misoprostol Delayed-Release/ Enteric-coated/ Gastro-resistant Tablets	Identification, Assay, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Doxycycline Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	NQTLD/MPTU/SOP-066 Equivalent to USP 41 NF 36, Volume I
Doxycycline Extended/sustained/prolonged- Release Capsules	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Doxycycline hyclate Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36, Volume I
Doxycycline hyclate Delayed-Release/ Enteric-coated/ Gastro-resistant Capsules	Identification, Assay, Disintegration and Dissolution	USP 41 NF 36, Volume I
Doxycycline hyclate Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume I

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Doxycycline hyclate Delayed-Release/ Enteric-coated/ Gastro-resistant Tablets	Identification, Assay, Disintegration and Dissolution	USP 41 NF 36, Volume I
Erythromycin Delayed-Release/ Enteric-coated/ Gastro-resistant Capsules	Identification, Assay, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Erythromycin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-056 Equivalent to USP 41 NF 36, Volume I
Erythromycin Delayed-Release/ Enteric-coated/ Gastro-resistant Tablets	Identification, Assay, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Efavirenz Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36, Volume I
Efavirenz Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume I
Ethambutol Hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume I
Fluconazole Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-034 Equivalent to USP 41 NF 36, Volume I
Folic acid Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Furosemide Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-022 Equivalent to USP 41 NF 36, Volume I
Gentamicin Sulfate for injection	Identification, Assay and uniformity of weight	USP 41 NF 36, Volume I
Glibenclamide Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-048 Equivalent to BP volume 3
Griseofulvin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-004 Equivalent to USP 41 NF 36, Volume I
Haloperidol Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-025 Equivalent to USP 41 NF 36, Volume I
Hydrochlorothiazide Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Hydrochlorothiazide Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Ibuprofen Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-036 Equivalent to USP 41 NF 36, Volume I
Ibuprofen and Paracetamol Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and	NQTLD/MPTU/SOP-067 Equivalent to USP 41 NF 36,

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	Dissolution	Volume I
Ibuprofen and pseudoephedrine Hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume I.
Imipenem and Cilastatin powder for injection	Identification, Assay and uniformity of weight	USP 41 NF 36 Volume I.
Indomethacin Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	NQTLD/MPTU/SOP-049 Equivalent to USP 41 NF 36, Volume I
Indomethacin Extended /sustained/prolonged- Release Capsules	Identification, Assay and Dissolution	USP 41 NF 36 Volume I.
Isoniazid Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume I
Kanamycin Sulfate Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36, Volume II
Kanamycin powder for injection	Identification, Assay and uniformity of weight	USP 41 NF 36, Volume II
Ketoconazole Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/ SOP - 035 Equivalent to USP 41 NF 36, Volume 2
Lamivudine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/ SOP - 040 Equivalent to USP 41 NF 36, Volume 2
Lamivudine and Zidovudine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume II
Lamivudine ,Zidovudine and Nevirapine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Lamivudine ,Tenofovir and Effavirenz Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Lamivudine and Tenofovir Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Levofloxacin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Levonorgestrel Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	British Pharmacopoeia, Volume 3
Loperamide hydrochloride Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Loperamide hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Losartan potassium Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and	USP 41 NF 36 Volume II.

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	Dissolution	
Lopinavir and Ritonavir Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Mebendazole Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/ SOP-012 Equivalent to USP 41 NF 36, Volume 2
Metformin hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Metformin hydrochloride Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume II.
Metoclopramide Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Metronidazole Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Metronidazole Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-003 Equivalent to USP 41 NF 36, Volume 2
Metronidazole Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume II.
Misoprostol Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	IP
Nalidixic acid Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Nevirapine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Nevirapine Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume II.
Nifedipine Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Nifedipine Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	NQTLD/MPTU/SOP-051 Equivalent to USP 41 NF 36, Volume 2
Nitrofurantoin Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Nitrofurantoin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Norfloxacin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Nystatin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-041 Equivalent to USP 41 NF 36, Volume 2

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Ofloxacin Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Omeprazole Delayed-Release/ Enteric-coated/ Gastro-resistant Capsules	Identification, Assay, Disintegration and Dissolution	NQTLD/MPTU/SOP-037 Equivalent to USP 41 NF 36, Volume 2
Oxytocin injection		
Penicillin G Benzathine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Penicillin G Procaine for injection	Identification, Assay and uniformity of weight.	USP 41 NF 36 Volume II.
Pommade Camphrée		NQTLD/MPTU/SOP-062
Praziquantel Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Prednisolone Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-020 Equivalent to USP 41 NF 36, Volume 2
Promethazine hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Propranolol hydrochloride Extended /sustained/prolonged- Release Capsules	Identification, Assay and Dissolution	USP 41 NF 36 Volume II.
Propranolol hydrochloride Tablets		USP 41 NF 36 Volume II.
Pyrazinamide Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Pyridoxine Hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-038 Equivalent to USP 41 NF 36, Volume 2
Phenobarbital Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-027 Equivalent to USP 41 NF 36, Volume 2
Phenytoin Extended /sustained/prolonged- Release Phenytoin Sodium Capsules	Identification, Assay and Dissolution	NQTLD/MPTU/SOP-053 Equivalent to USP 41 NF 36, Volume 2
Phenytoin chewable Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Quinine sulfate Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Quinine sulfate Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Ranitidine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.

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Riboflavin (Vitamin B2) Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Rifabutin Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Rifampicin Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Rifampicin powder for injection	Identification, Assay and uniformity of weight.	USP 41 NF 36, Volume 2
Rifampicin and Isoniazid Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Rifampicin ,Isoniazide and Ethambutol Hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Rifampicin ,Isoniazid ,Pyrazinamide and Ethambutol Hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Rifampicin ,Isoniazid and Pyrazinamide Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Ritonavir Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Ritonavir Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Sildenafil Citrate Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Spironolactone Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Streptomycin sulfate for injection	Identification, Assay and uniformity of weight.	USP 41 NF 36, Volume 2
Sulfamethoxazole and Trimethoprim Tablets or Co-Trimoxazole	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-011 Equivalent to USP 41 NF 36, Volume 2
Tadalafil Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36, Volume 2
Tenofovir disoproxilfumerate tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	Int. P
Tetracycline hydrochloride Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Thiamine hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Tinidazole Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and	NQTLD/MPTU/SOP-005 Equivalent to USP 41 NF 36,

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	Dissolution	Volume 2
Tramadol hydrochloride Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-039 Equivalent to USP 41 NF 36, Volume 2
Tramadol hydrochloride Extended /sustained/prolonged- Release Tablets	Identification, Assay and Dissolution	USP 41 NF 36 Volume II.
Tramadol hydrochloride and Acetaminophen/paracetamol Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Valproate sodium Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	NQTLD/MPTU/SOP-052 Int.P
Warfarin sodium Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Zidovudine Capsules	Identification, Assay, uniformity of weight, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Zidovudine Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution	USP 41 NF 36 Volume II.
Zinc Sulfate Tablets	Identification, Assay, uniformity of weight, Friability, Disintegration and Dissolution.	NQTLD/MPTU/SOP-065 Equivalent to USP 41 NF 36, Volume II.
<p><i>NB: Uniformity of weight, Friability and Disintegration tests for all tablets and all Capsules are referenced in NQTLD/MPTU/SOP-070 Equivalent to International Pharmacopoeia. USP means United States Pharmacopoeia, NF means National Formulary, Int.P means International Pharmacopoeia and BP means British Pharmacopoeia.</i></p>		