
Cosmetics — Lip balm (Lip salve) — Specification



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1 Scope

This Draft African Standard specifies requirements, sampling and test methods for lip balm (lip salve) which are petroleum or vegetable oil based.

This standard does not cover lip balm for which therapeutic claims are made, lipsticks, lip gloss and emulsion types.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DARS 1524 (all parts), *Cosmetics — Safety of cosmetic products ingredients*

DEAS 2212, *Cosmetics — Labelling of cosmetic products — Requirements*

EAS 847-16, *Cosmetics — Analytical methods — Part 16: Determination of heavy metal content*

EAS 847-18, *Cosmetics — Analytical methods — Part 18: Determination of thermal stability*

ISO 3960, *Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination*

ISO 18416, *Cosmetics — Microbiology — Detection of candida albicans*

ISO 21150, *Cosmetics — Microbiology — Detection of Escherichia coli*

ISO 21149, *Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria*

ISO 22716, *Cosmetics — Good Manufacturing Practices (GMP) — Guidelines on Good Manufacturing Practices*

ISO 22717, *Cosmetics — Microbiology — Detection of Pseudomonas aeruginosa*

ISO 22718, *Cosmetics — Microbiology — Detection of Staphylococcus aureus*

ISO 24153, *Random sampling and randomisation procedures*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <http://www.iso.org/obp>

— IEC Electropedia: available at <http://www.electropedia.org/>

3.1 lip balm(lip salve)
Cosmetic product consisting of homogenous emulsion of vegetable and/or mineral oils, waxes and fats and film forming polymers applied onto the lips to prevent drying and protect against adverse environmental factor

3.2 therapeutic claim
any claim that would suggest the product can treat , prevent or alleviate a disease or injury

4 Types

Lip balm (lip salve) shall be of the following three types:

- a) Type 1: - based on vegetable oils and waxes;
- b) Type 2: - based on petroleum products; and
- c) Type 3: - based on a mixture of petroleum products, vegetable oils and waxes.

5 Requirements

5.1 Ingredients

All ingredients used including dyes, pigment and colours shall comply with all parts DARS 1524.

5.2 General requirements

5.2.1 Lip balm (lip salve) shall:

- a) May be in the form of solid or soft unctuous mass;
- b) shall not be irritant to the lips and skin around the lips when used as intended by the manufacturer; and
- c) not have any objectionable odour except the characteristic odour from the main ingredient.

5.2.2 Lip balm (lip salve) may be coloured or perfumed.

5.2.3 The product shall be produced, prepared and handled in accordance with ISO 22716.

5.3 Specific requirements

5.3.1 Lip balm (lip salve) shall comply with the specific requirements given in Table 1 when tested in accordance with the test methods specified therein.

Table 1 — Specific requirements for lip balm (lip salve)

S/N	Characteristic	Requirement			Test method
i.	Peroxide value, meq/kg, max.	Type 1	Type 2	Type 3	ISO 3960
		10	-	10	
ii.	Stability	To pass test			WDARS/TC 40/003
iii.	Melting point, °C	solid	unctuous mass		Annex A
		55 - 65	35 - 55		
iv.	Breaking load value, g, min.	200	N/A		Annex B

5.3.2 Lip balm (lip salve) shall uniformly spread and shall not stick, fragment, deform or break during application when tested in accordance with Annex A.

5.4 Microbiological requirements

Lip balm (lip salve) shall comply with the microbiological requirements given in Table 2 when tested in accordance with the test methods specified therein

Table 2 — Microbiological requirements for lip balm (lip salve)

S/N	Microorganism	Limit	Test method
i.	Total viable count for aerobic mesophilic Microorganisms (Bacteria plus yeast and mould), CFU/g or CFU/ml, max.	1 000	ISO 21149
ii.	<i>Pseudomonas aeruginosa</i>	Not detectable in 1 ml or 1 g of cosmetic product	ISO 22717
iii.	<i>Staphylococcus aureus</i>		ISO 22718
iv.	<i>Candida albicans</i>		ISO 18416
v.	<i>Escherichia coli</i>		ISO 21150

6 Heavy metal contaminants

Lip balm (lip salve) shall comply with the heavy metal limits given in Table 3 when tested in accordance with the test methods specified therein.

Table 3 — Heavy metal limits for lip balm (lip salve)

S/N	Heavy metal	Maximum limit ^a , mg/kg	Test method
i.	Lead (as Pb)	10	WDARS/TC 40/002
ii.	Arsenic (as As)	2	
iii.	Mercury (as Hg)	1	

a The total amount of heavy metals as lead, mercury and arsenic, in combination in the finished product shall not exceed 10 mg/kg.

7 Packaging

The product shall be packaged in suitable well-sealed containers that shall protect the contents and shall not cause any contamination or react with the product.

8 Labelling

In addition to the labelling requirements in DEAS 2212, the package shall be legibly and indelibly marked with the following information:

- a) product name as “Lip balm” or “Lip salve”; and
- b) type of oil as “Vegetable oil and waxes”, “Petroleum products” or “Mixture of petroleum products, vegetable oils and waxes”;

9 Sampling

Sampling shall be done in accordance with ISO 24153.

Annex A
(normative)

Test for spreadability

Apply the lip balm (lip salve) at a room temperature of $25\text{ °C} \pm 3\text{ °C}$ repeatedly onto a glass slide and visually observe the uniformity in the formation of the protective layer and whether the stick fragments, deforms or breaks during application

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Bibliography

EAS 963:2020, Lip balm (Lip salve) — Specification

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