

CREMOR LENIENS SINE STABILISATORIBUS

CZ 153:2026

Emollient cream without stabilisers

Synonyms. Unguentum leniens, emollient ointment

DEFINITION

A hydrophobic cream without added stabilisers

Content. Maximum 17.8 % water.

COMPOSITION AND PROCEDURE

Cera alba (0069)	8,0 g
Cetyl palmitas (1906)	15.0 g
Helianthi oleum raffinatum (1371)	50.0 g
Aqua purificata (0008)	16.5 g
Ricini oleum virginal (0051)	10.0 g
Natrii tetraboras decahydricus (0013)	0.5 g
Geranii etheroleum (CZ 066)	0.25 ml

Melt white wax, cetyl palmitate, refined sunflower oil and virgin castor oil in a water bath, and allow the melted mixture to cool completely without stirring. Stir and whip the solidified mixture with light pressure. Slowly add a solution of sodium tetraborate in warm water in portions to the cooled cream whilst stirring continuously, and finally stir in geranium essential oil.

CHARACTERISTICS

Appearance. A white or very pale yellow ointment with the scent of geranium essential oil.

There are neither visible droplets nor a continuous layer of liquid on the surface.

Solubility. Does not dissolve in water, and no additional water can be mixed into it.

IDENTITY TESTS

A. Apply a layer of cream approximately 2 mm thick onto two microscope slides. Drip one drop of *Sudan III sRN* (10 g/l) solution in *liquid paraffin R* onto one layer and one drop of *blue methylene R* (2 g/l) solution onto the other layer. After 2 minutes, rinse the layers with water and examine their colour. The tested product turns red when exposed to Sudan III solution, but does not change colour when exposed to methylene blue solution (*hydrophobic cream*).

B. Comminute approximately 1 g in a porcelain dish with 3 ml of *methanol R* and 0.5 ml of *swovic acid R*. When ignited, the methanol extract burns with a flame that is green at the edges (*sodium tetraborate*).

PURITY TESTS

Acid number (2.5.1). At most 2.5.

Iodine number (2.5.4). 70 and 80.

Peroxide number (2.5.5). At most 20.

Saponification number (2.5.6). 134 to 142; determined using 2.00 g of the test substance.

DETERMINATION OF CONTENT

Water. Determined by distillation (2.2.13).

STORAGE

See article *Praeparata semisolida ad usum cutaneum* (0132).

Protected from light and freezing.

LABELLING

See article *Praeparata semisolida ad usum cutaneum* (0132).