

# SPECIFICATIONS



Product Code: 10014

Date: 09/30/2013

**LANOLIN, USP  
(OINTMENT GRADE)  
INCI Name: Lanolin**

**DEFINITION:** Lanolin is a refined derivative of the unctuous fat-like sebaceous secretion of sheep. It consists of a highly complex mixture of esters of high molecular weight aliphatic, steroid or triterpenoid alcohols and fatty acids.

**DESCRIPTION:** Lanolin has a wide range of applications because of its colloidal chemical properties and compatibility with a broad range of ingredients. It is useful in pharmaceutical preparations, salves and ointments, as well as having functional attributes as an epidermal moisturizer, lubricant and emollient.

**GENERAL DATA:**

Physical Form @ 25°C	Yellow grease
CAS Number	8006-54-0
EINECS Number	232-348-6

**SPECIFICATIONS:**

Color, Gardner	12-15
Iodine Value, Hanus	18 - 36
Water (KF)	0.25% Max.
Melting Point, (USP Class II)	38 - 44°C
Acidity	NMT 2.0 mL of 0.1N NaOH required for a 10.0g sample
Residue on ignition	0.1% Max.
Chloride	0.035% Max.
Water Soluble Oxidizable Substances	Meets USP requirements
Ammonia	Meets USP requirements
Water Soluble Acids & Alkalies	Meets USP requirements
Alkalinity	Meets USP requirements
Petrolatum	Meets USP requirements
Foreign Substances	NMT 10 ppm of any individual specified residue NMT 40 ppm total specified residues
Residual Solvent (Only Class III, Loss on Drying)	0.50% MAX

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