



# Product Specification

## Product Name: LANOLIN Anhydrous LR

Alternate Name(s) Wool fat.

### Description

Brownish-yellow semisolid. When melted it is a clear or almost clear, yellow liquid. Purified, anhydrous, waxy substance obtained from the wool of sheep.

### Properties

Chemical Formula:

Molecular Weight:

Product Code: LL003

CAS No. 8006-54-0

### General Information:

Practically insoluble in water, slightly soluble in boiling ethanol.

### Hazard and Safety Data

UN Group: None Allocated  
Class: None Allocated  
UN Number: None Allocated  
Hazchem code: None Allocated  
CS MSDS Code: 1CH3K  
Poison schedule: Not Scheduled  
Emergency  
Procedure Guide No.: N/A

### Quality Specification

Assay:

### Specific Properties and Impurities [Typical levels]:

Acid value	≤ 1.12 mg KOH/g
Saponification value	90.00 - 105.00 mg KOH/g
Colour (Gardner)	≤ 10
Loss on drying	≤ 0.50%
Sulfated ash	≤ 0.10%
Mettler drop point for lanolins	38.0 - 44.0°C
Water soluble acids and alkalis	Passes test
Water absorption	200 - 300%
BHT	≤ 0.02%

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