



## Classic Distributing Company

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# TECHNICAL BULLETIN

## Lanolin USP

Chemical Name: Lanolin USP  
CAS Number: 8006-54-0

### SPECIFICATIONS:

Appearance @ 25°C	Yellow grease
Color, Gardner	9+ Max (9- to 9+)
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	Meets USP requirements
Oxidizable Substances	
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

### APPLICATION:

Lanolin has a wide range of applications because of its colloidal chemical properties – 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. It can also be used for other industrial applications, such as waterless hand cleaners, printing inks, can coatings, corrosive inhibitors and lubricants.

*Classic*  
Fine Ingredients

This information is believed to be reliable, but it is not to be construed as a warranty and no patent liability is assumed.