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## Certificate Of Analysis

### PRODUCT NAME & SKU: Lanolin (Anhydrous) TSK-LIQ057

**MATERIAL** :- Lanis EP

**BATCH NUMBER** :- 6776

We certify that a sample of the above-mentioned goods has been examined with the following results:-

	Specification	Test result
Odour:	Mild, Characteristics	complies
Appearance:	yellow clear, semi solid	complies
Colour, Gardner	$\leq 10$	8.3
Acid value: mg KOH/g	$\leq 1.0$	0.4
Saponification value: mg KOH/g	90 – 105	96.74
Drop point: °C	38 – 44	42.5
Peroxide value: meq O <sub>2</sub> /kg	$\leq 20$	7.75
Water absorption: %	$\geq 200$	227.6
Loss on drying: %, 1hr at 105°C	$\leq 0.5$	0.02
Ash (sulphated): %	$\leq 0.15$	0.06
Paraffins: %	$\leq 1.0$	0.25
Butylated hydroxytoluene (BHT): ppm	$\leq 200$	complies
Chlorides: ppm	$\leq 150$	complies
Iodine Value, %	18-36	27.42
Water-soluble alkalis:	Conforms to EP	complies
Water-soluble oxidants:	Conforms to EP	complies
Identification A,B:	Conforms to EP	complies
Individual organochlorine pesticides, ppm	$\leq 0.05$	complies
Individual other pesticides: ppm	$\leq 0.5$	complies
Total Pesticide residues:	$\leq 1.0$ ppm	complies
Pesticide residues: (Materials above minimum detection limits)		
Cypermethrin	$\leq 0.5$ ppm	0.23ppm
Diazinon		0.03ppm

Batch complies with European Pharmacopoeia, current edition

Date of manufacture September 2023

Next Review Date September 2025

*This certificate has been generated electronically and is valid unsigned  
Dr Andrew Coupland*

Date :- 12-Jun-24