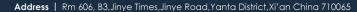
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CERTIFICATE OF ANALYSIS

| Product Name: | Lanolin Alcohol Pellets | | |
|----------------------|-------------------------|--------------------|----------|
| INCI Name: | Lanolin Alcohol | | |
| CAS Number: | 8027-33-6 | | |
| Batch Number | 20221025 | Manufacture Date | 20221025 |
| Report Date | 20221025 | Expiry Date | 20241024 |

| Analytical Tests | Specifications | Results |
|---|-----------------|---------|
| Acid Value (mg KOH/1g sample) | 2 max | 1.40 |
| Appearance | Yellow pellets | |
| Consistency | Crystalline wax | |
| Melting Point | 50° C Min | 58.5 |
| Ash (sulfated) | 0.2% Max | 0.07 |
| Water (loss on drying) | 0.5% Max | 0.07 |
| Saponification Value (mg KOH/1g sample) | 10 Max | 6.90 |
| Hydroxyl Value (mg KOH/1g sample) | 118-160 | 144.30 |
| IR (NEAT) | TMS | Pass |
| Water Absorption Capacity | 200% Min | Pass |

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive

heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

