

CERTIFICATE OF ANALYSIS

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|----------------------|-------------------|-------------------------|----------|
| Product Name: | Trihydroxystearin | | |
| INCI Name: | Trihydroxystearin | | |
| CAS Number: | 139-44-6 | | |
| Batch Number | 20221029 | Manufacture Date | 20221029 |
| Report Date | 20221029 | Expiry Date | 20241028 |

| Test Items | Specifications | Results |
|---|----------------|---------|
| Acid Value (ASTM D 974), KOH/g | 0-3.0 | 0.9 |
| Heavy Metals, % (ICP-MS) | 0.00-0.001 | 0.001 |
| Hydroxyl Value, ASTM D 1957 | 154-170 | 157.2 |
| Iodine Value, Wijs Method | 0-5.0 | 2.5 |
| Melting Point (°C) | 85-88 | 86 |
| Saponification Value (Potassium hydroxide method) | 176-182 | 181.08 |
| +325 Mesh Residue % (Retain) | 0-1.0 | 0.3 |

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

