

CERTIFICATE OF ANALYSIS

Product Name	Stearic Acid (Hystric / Triple Pressed)	COA No.	ASES/COA/SA-2610
INCI Name	Stearic Acid	Batch No.	SA-2610
CAS No.	57-11-4 / 67701-03-5	Mfg. Date	Oct-2026
Chemical Formula	$C_{18}H_{36}O_2$	Expiry Date	Sep-2028
Origin	Vegetable (Non-GMO)	Packing	25 kg HDPE/PP laminated bag with LDPE liner
Packager	ASES Chemical Works, Jodhpur	Date of Issue	06-Oct-2026

Sr.	Parameter	Specification	Result	Status
1	Appearance	White free flowing flakes	Conforms	Complies
2	Odour	Characteristic	Conforms	Complies
3	Colour, 5.25" Lovibond Cell – Red	0.5 Max	0.3	Complies
4	Colour, 5.25" Lovibond Cell – Yellow	2.0 Max	1.4	Complies
5	Titre, °C	54.0 – 56.0	55.1	Complies
6	Acid Value, mg KOH/g	208.00 – 210.00	209.10	Complies
7	Iodine Value, g I ₂ /100 g	3.00 Max	0.80	Complies
8	Saponification Value, mg KOH/g	209.00 – 211.00	209.90	Complies

Sr.	Carbon Chain Distribution by GC (%)	Specification	Result	Status
1	C12 (Lauric Acid)	1.0 Max	0.3	Complies
2	C14 (Myristic Acid)	3.0 Max	1.4	Complies
3	C16 (Palmitic Acid)	50 – 60	54.7	Complies
4	C18 (Stearic Acid)	40 – 50	42.6	Complies
5	C18:1 (Oleic Acid)	3.0 Max	0.6	Complies
6	C20 (Arachidic Acid)	1.5 Max	0.4	Complies

Remarks: The material complies with the above specifications in all respects. Vegetable origin, Non-GMO, TSE/BSE free. Manufacturer holds ISO 9001, 14001, 45001, Kosher and Halal certification.

Storage: Store in a cool, dry, well-ventilated place away from direct sunlight, heat and moisture. Keep bags tightly closed.

Applications: Personal care & cosmetics, fabric care, industrial surfactants, soaps, candles and rubber processing.

For ASES Chemical Works

Rohan Singhvi
 Authorized Signatory