

CERTIFICATE OF ANALYSIS

Product Name	Decyl Oleate
Product Code	AL00082
INCI Name	Decyl Oleate
CAS Number	3687-46-5
Lot Number	1017H23/03
Manufacture Date	08/2023
Re-test Date	08/2025

Items	U.M.	Test methods	Range	Analytical results
Physical status at 25°C		Visual	Liquid	Conform
Acid value	mgKOH/g	AOCS Cd 3d-63	≤ 1.0	0.13
Iodine value	gl ₂ /100g	AOCS Cd 1-25	55.0 – 65.0	63.0
Saponification value	mgKOH/g	AOCS Cd 3-25	130.0 – 140.0	131.7
Colour	APHA	AOCS Ea 9-65	≤ 200	75
Density at 20°C	g/cc	ASTM D1298-85	0.860 – 0.870	0.867
Peroxide value	meqO ₂ /Kg	AOCD Cd 8 -53	≤ 8.0	0.3
Hydroxyl value	mgKOH/g	AOCS Cd 13-60	≤ 2.0	Conform
Refractive index		AOCS Tp 1a-64	1.455 – 1.458	1.458

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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