

CERTIFICATE OF ANALYSIS

Product Name	Castor Oil
Product Code	AL00189
INCI Name	Ricinus Communis Seed Oil
CAS Number	8001-79-4
Lot Number	3A - 015
Manufacture Date	12/2025
Re-test Date	12/2027

Items	Specification	Results
Appearance	Pale Yellow, clear viscous liquid	Conforms
Odor	Natural	Conforms
F.F.A. (As Oleic)	0.40 Maximum [%]	0.342
Acid Value	0.80 Maximum [mg KOH/gm]	0.68
Moisture (K.F.)	0.25 Maximum [%]	0.10
Color (Gardner)	1 G Maximum	< 1 G
Hydroxyl Value	160 Minimum [mg KOH/gm]	164.25
Specific Gravity	0.954 - 0.960 [g/cm ³]	0.9596
Iodine Value	82 - 90 [gm I ₂ /100gm]	85.46
Refractive Index	1.476 - 1.479 [25°C]	1.4778
Unsaponifiable Matter	0.80 Maximum [%]	0.36
Saponification Value	177 - 185 [mg KOH/gm]	180.41
Color on Lovibond Tintometer Scale in 5 1/4" Cell	Yellow - 8.0 Maximum Red - 0.8 Maximum	Y - 8.0 R - 0.8

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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