

CERTIFICATE OF ANALYSIS (COA)

Product Name: Isopropyl Myristate (IPM)

Molecular Formula: $C_{17}H_{34}O_2$

CAS No.: 110-27-0

Product Grade: Cosmetic Grade

Batch/Lot No.: BPCIPM92026

Retest/Expiry Date: September 2029

Characteristic	Specification	Result	Unit
Acid Value	< 0.2	0.09	mg KOH/g
Saponification Value	205 – 211	208.8	mg KOH/g
Iodine Value	≤ 1	0.05	g I ₂ /100 g
Color (APHA)	≤ 50	< 2.5	APHA
Density (20°C)	0.850 – 0.855	0.851	g/mL
Refractive Index (20°C)	1.4340 – 1.4370	1.435	—
Viscosity (20°C)	5 – 6	5.6	mPa·s
Water (Karl Fischer)	≤ 0.1	0.02	%
Assay – C12	< 2	0.02	%
Assay – C14	98 – 100	99.94	%
Assay – C16	< 2	0.03	%

Conclusion: The reported test results conform to the specifications listed above.

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