
 Updated: 23-Jan-2026

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Isopropyl Palmitate
INCI Name: Isopropyl Palmitate
CAS Number: 142-91-6
Lot Number: Not available (data may vary slightly with different lots or batches)
Standard Shelf Life: 36 months from production date

Property	Specification Range	Result
General Appearance @ 25° C (Internal)	Clear, Free from Foreign Material	Pass
Saponification Value (Internal)	185.0 - 191.0 mg KOH/g	187.00 mg KOH/g
Assay (Isopropyl Palmiate) (Internal)	90.00% MIN	99%
Acid Value (Internal)	0.5 mg KOH/g MAX	0.1 mg KOH/g
Specific Gravity @ 25° C (Internal)	0.850 - 0.855	0.852
Refractive Index @ 20° C (Internal)	1.435 - 1.438	1.436
Odor (Internal)	Typical	Pass
Color (APHA) (Internal)	0.0 - 20.0	8.0
Moisture (Current USP)	0.0 - 0.1%	0.0%
Iodine Value (AOCS CD 1-25)	0.00 - 1.00 gI ₂ /100g	0.10 gI ₂ /100g
Ester Value	182 - 191 mg KOH/g	187 mg KOH/g

RSPO Supply Chain Certificate No. CU-RSPO SCC-833100 Mass Balance

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions. This report is not to be signed. All data are as per our supplier.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.