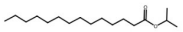
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CERTIFICATE OF ANALYSIS — Standard product specification

ISOpropyl Myristate

CAS 110-27-0 · C17H34O2 · 98% min



STRUCTURAL FORMULA

1. PRODUCT IDENTITY

Product name	ISOpropyl Myristate
C.A.S. number	110-27-0
Molecular formula	C17H34O2
Molecular weight	270.46 g/mol
Grade / standard	98% min
Description	Clear colorless liquid
Product group	Emollients
Category	Personal Care & Cosmetic Ingredients
Country of origin	India
Packing	Bags, drums, carboys, IBC or ISO tank as applicable — customer-specified packing available
Storage	Cool, dry, well-ventilated place in tightly closed original packing

2. ANALYTICAL SPECIFICATION

S. NO.	TEST PARAMETER	SPECIFICATION	TYPICAL RESULT	METHOD
1	Description	Clear colorless liquid	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Assay	Not less than 98.0 % w/w	98.94	Titrimetry / Instrumental
4	pH (10 % solution)	As per specification	6.4	Potentiometry
5	Refractive Index at 25 °C	As per specification	Conforms	Refractometry

6	Loss on Drying	Not more than 1.0 % w/w	0.19	Gravimetry
7	Residue on Ignition	Not more than 0.2 % w/w	0.059	Gravimetry
8	Lead (Pb)	Not more than 10 ppm	Less than 2 ppm	ICP-MS
9	Arsenic (As)	Not more than 3 ppm	Less than 0.5 ppm	ICP-MS
10	Heavy Metals (as Pb)	Not more than 10 ppm	Less than 5 ppm	ICP-OES
11	Total Aerobic Microbial Count	Not more than 1000 cfu/g	64 cfu/g	IP / USP <61>
12	Total Yeast & Mould Count	Not more than 100 cfu/g	17 cfu/g	IP / USP <61>
13	Escherichia coli	Absent in 1 g	Absent	IP / USP <62>
14	Salmonella species	Absent in 10 g	Absent	IP / USP <62>

3. DECLARATION

This document sets out the standard specification for ISOpropyl Myristate and applies to all consignments of this product and grade supplied by Scapex Exports Pvt. Ltd. It is not a lot-specific release document; a lot-specific certificate carrying the analysis of the material actually shipped is issued with, and travels with, each consignment. Scapex Exports supplies against customer-specified assay limits and pharmacopoeial standards — send your specification sheet and we confirm compliance in writing before the order is accepted.

