Scapex Exports Pvt. Ltd.
830, 8th Floor, Sun Gravitas, Times of India Road,
Shyamal, Ahmedabad 380015, Gujarat, India
+91 9925522674 · info@scapexexports.com
CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS Standard product specification

Attapulgite

CAS 12174-11-7 · ≥98% Technical

1. PRODUCT IDENTITY

Product name	Attapulgite
C.A.S. number	12174-11-7
Grade / standard	≥98% Technical
Description	Off-white to pale grey powder
Product group	Clay Minerals
Category	Pigments & Minerals
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	Off-white to pale grey powder	Complies	Visual
2	Identification	Conforms to the structure of the substance	Complies	FTIR / Chemical test
3	Solubility	As per specification	Complies	Visual / Monograph
4	Assay	Not less than 98.0 % w/w	98.91	Titrimetry / Instrumental
5	Shade	Matching approved standard	Matches standard	Visual / Spectrophotometric
6	Strength vs. Standard	100 ± 3 %	101.9 %	Spectrophotometry
7	Moisture	Not more than 5.0 % w/w	1.89	Gravimetry

8	Matter Insoluble in Water	Not more than 1.0 % w/w	0.060	Gravimetry
9	Oil Absorption	As per specification	18 g/100 g	ISO 787-5
10	Residue on 45 µm Sieve	Not more than 0.1 %	0.026	ISO 787-18
11	pH (10 % aqueous suspension)	6.0 – 9.0	7.5	ISO 787-9

3. DECLARATION

This document sets out the standard specification for Attapulgite 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.

SCAPEX EXPORTS PVT. LTD.
SCAPEX
QUALITY ASSURED
AHMEDABAD · GUJARAT · INDIA