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CIN U46909GJ2025PTC164345

CERTIFICATE OF ANALYSIS — Standard product specification

Barium Sulphate Filler

CAS 7727-43-7 · ≥98% purity

1. PRODUCT IDENTITY

Product name	Barium Sulphate Filler
C.A.S. number	7727-43-7
Grade / standard	≥98% purity
Description	White fine powder
Product group	Processing Chemicals
Category	Plastic & Rubber Chemicals
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	White fine 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	98.76	Titrimetry / Instrumental
5	Volatile Matter	Not more than 1.0 % w/w	0.17	Gravimetry
6	Ash Content	Not more than 0.5 % w/w	0.189	Gravimetry
7	Softening / Melting Point	As per specification	Conforms	ASTM D3461 / Capillary

8	Residue on 63 µm Sieve	Not more than 0.5 %	0.060	Sieve analysis
9	Heavy Metals (as Pb)	Not more than 20 ppm	Less than 10 ppm	ICP-OES
10	Moisture	Not more than 1.0 % w/w	0.41	Karl Fischer / Gravimetry

3. DECLARATION

This document sets out the standard specification for Barium Sulphate Filler 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.

