



CERTIFICATE OF ANALYSIS

Product Name	:	BARIUM SULPHATE 97.5% AR
Cas No.	:	7727-43-7
Code No.	:	00351
Batch No.	:	PC11232074
Mfg. Date	:	NOV-2023
Date Of Analysis	:	01/12/2023
Retest Date	:	OCT-2028

TEST	SPECIFICATION	RESULT
Appearance	Fine, white, odorless, tasteless, bulky powder, free from grittiness	Fine, white, odorless, tasteless, bulky powder, free from grittiness
Assay (as BaSO ₄)	97.5 -100.5%	97.95%
Solubility	Practically insoluble in water, in organic solvents, and in solutions of acids and of alkalies	Complies
Identifications	To comply IP, BP, USP tests	Complies
Acidity or alkalinity	To comply IP, BP tests	Complies
pH (10% w/w solution)	3.5 –10.0	7.77
Acid soluble matter	Max 0.3%	0.12%
Oxidisable sulfur compounds	To comply BP test	Complies
Soluble barium salts	Max 0.001% (to comply IP test)	Complies
Phosphate (PO ₄)	To comply IP tests	Complies
Heavy metal (as Pb)	Max 0.001%	0.0005%
Sulphide (S)	Max 0.5 µg/g (to comply IP test)	Complies
Arsenic (As)	Max 0.0002%	0.00003%
Loss on ignition (at 600 ± 50°C)	Max 2.0 %	0.61%
Bulkiness	To comply IP tests	Complies

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd.**

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on **022 4928 4000**

Website: www.pallavchemicals.com