

Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

Product Name	:	BARIUM SULPHATE 97.5% AR	
Cas No.	••	7727-43-7	
Code No.	:	00351	(B)
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,	Fine, white, odorless, tasteless,
rippediunce	bulky powder, free from grittiness	bulky powder, free from grittiness
Assay (as BaSO4)	97.5 -100.5%	97.95%
	Practically insoluble in water, in	-hell.
Solubility	organic solvents, and in solutions of	Complies
	acids and of alkalies	-ine
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 (PO4)	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