

**CERTIFICATE OF ANALYSIS**

Product Name	: BARIUM SULPHATE 97% Extra Pure	Analyzed On	: 07-Aug-2021
Lot No.	: L378892108	Mol. Weight	: 233.39
Mol. Formula	: BaSO <sub>4</sub>	CAS No.	: 7727-43-7
Code No.	: 01729	Exp. Date	: Jul-2026
Mfg. Date	: Aug-2021	UN No.	: -
HAZ. / P.G.	: -		

Sr.	Tests	Specifications	Results
1	Appearance	Fine, white, odorless, tasteless, bulky powder, free from grittiness	Fine, white, odorless, tasteless powder
2	Assay	Min 97%	99.49%
3	Soluble barium compounds	Max 0.005%	<0.001%
4	Chloride (Cl)	Max 0.05%	0.042%
5	Sulphide (S)	Max 0.05 µg/g	<0.05 µg/g
6	Arsenic (As)	Max 0.0005%	<0.0005%
7	Heavy metal (as Pb)	Max 0.001%	0.00089%
8	Loss on ignition	Max 2%	0.51%

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**



Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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LOBA/QC/FM/01

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