

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: DB/SOP/QC/11-B072	
SPECIFICATION : BARIUM SULPHATE LR					
Issue date	15/05/2018	Review date	14/05/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	BaSO ₄
2	Product code	B011
3	Molecular weight	233.39
4	CAS No	7727-43-7
5	Risk Statement No	---
6	Safety Statement No	24/25
7	UN No.	



PACKING DETAILS

	Product code	Pack size
1	B07210	500 g
2	B07213	5 Kg

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description
2	Solubility
3	Identification A
4	Identification B
5	Acidity / Alkalinity
6	Arsenic
7	Heavy metals
8	Phosphate
9	Sulphide
10	Acid-soluble substances
11	Soluble barium salts
12	Bulkiness
13	Assay

LIMITS

Fine, heavy, odourless, white powder, free from gritty particles.

Practically insolubility in water, in organic solvents and in dilute solutions of acids and of alkalis.

Reaction of sulphate

White precipitate with dil. H₂SO₄

Not more than 0.5 mL of 0.01 M NaOH / 0.01 M HCl solution required.

Not more than 2 ppm

Not more than 10 ppm

Passes test

Passes test

Not more than 0.3%

Passes test

Passes test

Between 97.5% and 100.5%

SAFETY SYMBOLS