

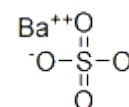


Product Specification

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BARIUM SULPHATE AR/ACS

PRODUCT CODE	461990
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7727-43-7)
ATOMIC OR MOLECULAR FORMULA	BaSO ₄
ATOMIC OR MOLECULAR WEIGHT	233.39
PROPERTIES	---



PARAMETER LIMIT

Description	Fine heavy white powder, free from gritty particles, odourless.
Solubility	Soluble in hot concentrated sulphuric acid. Insoluble in water.
Identification	Passes tests.
Assay (Gravimetric; as BaSO ₄)	97.5 – 100.5%
pH (10 % suspension in water)	3.5 – 10.0

MAXIMUM LIMIT OF IMPURITIES

Loss on ignition (at 600°C)	2.0%
Acid soluble matter	0.3%
Acidity or Alkalinity	0.2 ml N%
Phosphate (PO ₄)	0.003%
Arsenic (As)	0.0002%
Heavy metals (Pb)	0.001%
Iron (Fe)	0.001%
Sulphide	0.00005%
Bulkiness	Passes test.
Oxidisable sulphur	Passes test.
Sedimentation	Passes test.
Soluble Barium salt	0.001%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --

Replace Date 30-Mar-2026