



# Product Specification

## Product Name: BARIUM SULFATE For Soil Testing LR

Alternate Name(s) Barytes

### Description

Predominantly finer than 53 microns with excellent whiteness.

### Properties

Chemical Formula: BaSO<sub>4</sub>

Molecular Weight: 233.40

Product Code: BL105

CAS No. 7727-43-7

### General Information:

Soluble in hot concentrated sulfuric acid; very slightly soluble in alkalis and in solution of many salts; practically insoluble in water, dilute acids, alcohol and organic solvents.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH9B

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 99% typical analysis

### Specific Properties and Impurities [Typical levels]:

Average particle size	1.09 µm
Lightness index L*	98.43%
Oil index	13.8 g/hg
Electrical conductivity	104 µS
Sieve residue > 45 µm	0.001%
Volatile substances	0.1%

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