

TECHNICAL DATA SHEET

Crystal Violet | CAS 548-62-9

1. Product Identification

Product Name	Crystal Violet
CAS Number	548-62-9
Synonyms	Gentian violet, Basic Violet 3, Methyl violet 10B
Category	Dye & Pigment
Available Grades	LR Grade
HSN Code	3204.19

2. Physical & Chemical Properties

Molecular Formula	C ₂₅ H ₃₀ N ₃ O ₄
Molecular Weight	407.99
Appearance	Purple crystalline solid
Density	1.19 g/cm ³
Boiling Point	N/A
Melting Point	215°C
Flash Point	None
Solubility	Soluble in water

3. Applications

• Gram staining • Histology staining • Indicator dye • Antibacterial agent • Textile dyeing

4. Industries Served

Research, Healthcare, Textile

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.