



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Crystal violet

Synonym	: Gentian violet
Molecular Formula	: C ₂₅ H ₃₀ ClN ₃
Molecular Weight	: 407.98
CAS No.	: 548-62-9
Colour Index No.	: 42555
Shelf Life	: 5 years

Technical Specification

Appearance	: Green to green-brown crystals or powder or glistening pieces with metallic luster
Solubility	: 20 ppm in water yields clear dark purple solution
FTIR (KBr disc)	: Matches with the standard pattern
Absorption maxima	: 580 - 592 nm (20 ppm in water)
Loss on drying (at 110°C, 2 hr)	: ≤ 10.0%
Assay(TiCl ₃ Titration/UV)	: min. 96.00%