

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) : $\leq 10.0\%$

Assay(TiCl₃ Titration/UV) : min. 96.00%