



Product Information Sheet

C1830 Crystal Violet

Synonyms: Gentian violet, Methyl Violet 10B, hexamethyl pararosaniline chloride, pyocyanin(e), Basic Violet 3
CAS: 548-62-9
Formula: $C_{25}H_{30}ClN_3$
Mol. Weight: 407.98

Properties

Form: Powder
Appearance: Light Green to Dark Greenish-Brown
Solubility: Soluble in Water
Application: Histological Stain
Storage Temp: Room Temperature
Typical Working Concentration: Varies with application, should be determined by end user.

Application Notes

Commonly used in gram staining, usually with Safranin as a counter-stain.

A component of PhytoSelect Basal medium (Prod # P6800), which is used to select for certain plant pathogens. Also a component of Crystal Violet Pectate (CVP) Medium, which can be used to select for certain species of *Erwinia* from plant tissues and soil (Perombelon & Burnett 1991).

References

Perombelon, M. C. M. and E. M. Burnett 1991. Two modified crystal violet pectate (CVP) media for the detection, isolation and enumeration of soft rot erwinias. Potato research 34:79-85

PhytoTechnology Laboratories®

P.O. Box 12205; Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 or 1-913-341-5343; Fax: 1-888-449-8682 or 1-913-341-5442

Web Site: www.phytotechlab.com

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