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Certificate of Analysis

Product Description: Gentian Violet
Catalog Number: 101775
Lot: M4620**Formula:** $C_{25}H_{30}ClN_3$
CAS #: 548-62-9
Physical Description: Dark Forrest Green Powder**Formula Weight:** 408.03
Storage: Room Temperature, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
UV/Vis: λ max (water)	584 - 590 nm	584 nm
Color Interval	0.1 N HCl - Green 0.01 N NaOH - Purple	0.1 N HCl - Green 0.01 N NaOH - Purple

Assay: (anhydrous basis): 97.8%

Assay (as is): 93%

Loss on drying: 5.2%

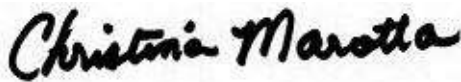
Residue on ignition: 0.21%

Visual transition interval: From pH 0.00 (yellow) to pH 2.0 (violet)

Alcohol-insoluble substances: 0.45%

Lead (Pb): <0.003%

Zinc (Zn): <0.05%

08/14/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis is an electronically generated document
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