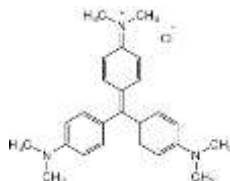


TIQ-F-QC-003
 Rev.00

Technical Data Sheet
CRYSTAL VIOLET 96% AR

Basic Violet 3, Gentian Violet, Hexamethylpararosaniline chloride, Methyl Violet 10B



Product Code	T-8025	Grade	Analytical Reagent
Purity	96%	CAS No	548-62-9
Molecular Formula	C ₂₅ H ₃₀ ClN ₃	Molecular Weight	407,99 g/mol
H.S.Code	3204.9000	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Colour	Light blue
Melting point	173 °C	Density	1,19 g/cm ³ at 20 °C
pH	2,5 - 3,5 at 10 g/l at 20 °C	Partition coefficient: noctanol/water	log Pow: 1,172 at 25 °C
Auto ignition temperature	> 190 °C	Solubility in water	10 g/l at 20 °C

Packaging

25 g

Specification

Appearance	Dark green powder
Assay	96.0 – 100,5 %
Identification	To pass A, B & C test
Water (H ₂ O)	max 7.5 %
Residu on ignition (Ash)	max 1.5 %
Alcohol insoluble matter	max 1 %
Arsenic (As)	max 0.001 %
Lead (Pb)	max 0.003 %
Zinc (Zn)	passes test
Chromatographic purity (by HPLC)	passes test
Sensitivity as an indicator	passes test
UV absorbance Ratio	0.98 - 1.90

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07, GHS08, GHS09

Signal Word: danger

UN No.: 3077

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H302-H318-H351-H410

Precaution Statement: P202-P273-P280-P301+P312-P305+P351+P338-P308+P313