

Product name:

Crystal Violet

Synonyms: C. I. No. 42555, Hexamethylenepararosaniline chloride, Gentian violet, Hexamethyl-p-rostanilinium, Methyl violet 10 B

CAS number: 548-62-9

General information:		
	Chemical formula: $C_{25}H_{30}ClN_3$	Molar Mass: 407.99 g/mol
	Appearance: Dark green powder	Density: 1.19 g/cm ³ (20 °C)
	Solub. in water: 10 g/l	Melting point: 215 °C
	Bulk density: 220 - 400 kg/m ³	pH value : 2.5 - 3.5 (H ₂ O, 20 °C)
	Storage temp.: +2 to +30°C	Cautions: carcinogenic, dangerous for the environment
	R: N/A	S: N/A
	HS-No.: 3212 90 00	EC Index Number : 612-204-00-2

Hazard Symbol



Safety Information

Grade

Indicator (For Microscopy)

Specification:				
	Description		Conforms	
	Solubility		Conforms	
	Absorption maxima		589-594	nm
	Dye content (on dried basis)	≥	88.0	%
	Specific absorptivity 1%/1cm (@lambda max) (on dried basis)		2050-2450	
	Loss on drying	≤	10.0	%
	Suitability (for microscopy)		Conforms	

Ordering code	10 g	25 g	50 g	100 g	250g
P.E.					
Glass	614.09.00010.01		614.09.00050.01		