



Macsen Laboratories

Manufacturer of Fine Chemicals & Pharmaceuticals

PRODUCT SPECIFICATION SHEET

CRYSTAL VIOLET I.P 85

Name of Product	CRYSTAL VIOLET I.P 85
SYNONYMS	
C.I. NO.	42555 , C.I. BASIC VIOLET 3
CAS No.	548-62-9
CHEMICAL NAME	Methanaminium ,N – (4-(bis (4-dimethylamino) phynyl) methelene)- 2,5-cyclohexadien-1-ylidene)- N-methyl-chloride
FORMULA	C25 H30 N3 CL
SPECIFICATION	PRODUCT PASSES I.P 85 SPECIFICATION
SPECIFICATIONS AS UNDER	
IDENTIFICATION TEST	PASSES TEST AS PER I.P
SOLUBILITY	COMPLIES AS PER I.P TEST
RESIDUE ON IGNITION	0.5% TO 1.0% (IP LIMIT 3.0% MAX.)
WATER (MOISTURE)	3% TO 5% (IP LIMIT MAX.9.0%)
ALCOHOL INSOLUBLE MATTER	0.3% TO 0.5% (IP LIMIT 1.0% MAX.)
ARSENIC	PASSES TEST (LIMIT 0.001 % MAX.)
ZINC	ABSENT
LEAD (HEAVY METALS)	PASSES TEST (LIMIT 0.003% MAX.)
CHROMATOGRAPHIC PURITY	PASSES TEST
ASSAY (WITH REF. TO DRIED SUBS.) as % of C25 H30 N3 CL HCL	97% TO 98% (LIMIT MIN. 96.0% - 100.5% Max.)
ACTION & USES	ANTISEPTIC
PACKING & STORAGE	PACKED IN WELL CLOSED CONTAINERS