



# Macsen Laboratories

Manufacturer of Fine Chemicals & Pharmaceuticals

## PRODUCT SPECIFICATION SHEET

### CRYSTAL VIOLET B.P 80

<b>Name of Product</b>	<b>CRYSTAL VIOLET B.P 80</b>
<b>SYNONYMS</b>	
<b>C.I. NO.</b>	<b>42555 , C.I. BASIC VIOLET 3</b>
<b>CAS No.</b>	<b>548-62-9</b>
<b>CHEMICAL NAME</b>	<b>Methanaminium ,N – ( 4-( bis ( 4-dimethylamino ) phynyl) methelene)- 2,5-cyclohexadien-1-ylidene)- N-methyl-chloride</b>
<b>FORMULA</b>	<b>C25 H30 N3 CL</b>
<b>SPECIFICATION</b>	<b>PRODUCT PASSES BP 80 SPECIFICATION</b>
<b>SPECIFICATIONS AS UNDER</b>	
<b>IDENTIFICATION TEST</b>	<b>PASSES TEST AS PER B.P</b>
<b>SOLUBILITY</b>	<b>COMPLIES AS PER B.P TEST</b>
<b>RESIDUE ON IGNITION</b>	<b>0.5% TO 1.0% (BP LIMIT 3.0% MAX.)</b>
<b>WATER ( MOISTURE)</b>	<b>3% TO 5% (BP LIMIT MAX.9.0%)</b>
<b>ALCOHOL INSOLUBLE MATTER</b>	<b>0.3% TO 0.5% (BP LIMIT 1.0% MAX.)</b>
<b>ARSENIC</b>	<b>PASSES TEST (LIMIT 0.001 % MAX.)</b>
<b>ZINC</b>	<b>ABSENT</b>
<b>LEAD (HEAVY METALS)</b>	<b>PASSES TEST (LIMIT 0.002% MAX.)</b>
<b>CHROMATOGRAPHIC PURITY</b>	<b>PASSES TEST</b>
<b>ASSAY ( WITH REF. TO DRIED SUBS.) as % of C25 H30 N3 CL HCL</b>	<b>97% TO 98% (LIMIT MIN. 96.0% - 100.5% Max.)</b>
<b>ACTION &amp; USES</b>	<b>ANTISEPTIC</b>
<b>PACKING &amp; STORAGE</b>	<b>PACKED IN WELL CLOSED CONTAINERS</b>