

Product Description-TDS

Product Name:Gentian Violet

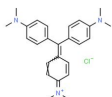
Product Information

CAS No:548-62-9

Molecular Formula:C₂₅H₃₀ClN₃

Molecular Weight : 407.99

Molecular Structure:



Other Items :



Items	Requirements
Strength	98%~102%
Shade	Approximate or microorder
Moisture	≤6.0%
Insoluble	≤0.20%

Package:

25kg/cardboard drum

Application:

Used as an acid-base indicator, pH color change range from 0.1 (green) to 2.0 (blue). It is used in analytical chemistry as a titration indicator for non-aqueous solutions, as a biological stain, as a color developer in colorimetric assays, and for the determination of thallium, zinc, antimony, titanium, cadmium, tungsten, gold, and mercury plasma. Crystalline violet is also an important dye in bacterial Gram staining and can be used as a dye for silk, paper, acrylics, and another Chemical book. Its solubility in water is 1.68% for chloride and 13.87% for iodide in 95% ethanol; its solubility in the two solvents is 0.035% and 1.78% respectively. The mixture of crystalline violet chloride and iodide is called gentian violet. The dyes commonly used for the examination of bacterial stained specimens are basic compound red, crystalline violet, and US blue.

Storage:

Store in tightly closed containers, cool and dry. Protect from heat, oxygen and light.