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## Crystal Violet

(*Hexamethyl-p-rosaniline Chloride*),  $C_{25}H_{30}ClN_3$ —**407.98**—Dark-green crystals. Slightly soluble in water; sparingly soluble in alcohol and in glacial acetic acid. Its solutions are deep violet in color.

**Sensitiveness:** Dissolve 100 mg in 100 mL of glacial acetic acid, and mix. Pipet 1 mL of the solution into a 100-mL volumetric flask, and dilute with glacial acetic acid to volume: the solution is violet-blue in color and does not show a reddish tint. Pipet 20 mL of the diluted solution into a beaker, and titrate with 0.1 N perchloric acid VS, adding the perchloric acid slowly from a microburet: not more than 0.10 mL of 0.1 N perchloric acid is required to produce an emerald-green color.

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
CRYSTAL VIOLET	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

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