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p-Phenylenediamine Hydrochloride

(1,4-Diaminobenzene Dihydrochloride), $C_6H_8N_2 \cdot 2HCl$ 181.06—White to pale tan crystals or crystalline powder, turning red on exposure to air. Freely soluble in water; slightly soluble in alcohol and in ether. Preserve in well-closed containers, protected from light.

- **INSOLUBLE MATTER:** Dissolve 1 g in 10 mL of water: the solution is clear and complete.
- **MOLAR ABSORPTIVITY** (see [Ultraviolet-Visible Spectroscopy\(857\)](#)): Dissolve 60 mg in 100.0 mL of water, and mix. Pipet 2 mL of this solution into a 50-mL volumetric flask, dilute with pH 7 buffer solution to volume, and mix. The molar absorptivity of this solution, at 239 nm, is not less than 9000.

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

Topic/Question	Contact	Expert Committee
P-PHENYLENEDIAMINE HYDROCHLORIDE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

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