

Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-EBF085B2-9440-4211-AAC6-66F0A819D8CD_1_en-US
DOI: https://doi.org/10.31003/USPNF_R2162_01_01
DOI Ref: 4mxj8

© 2025 USPC
Do not distribute

Metaphenylenediamine Hydrochloride

(*Metaphenylenediamine Dihydrochloride*), $C_6H_4(NH_2)_2 \cdot 2HCl$ 181.06—White or slightly reddish-white, crystalline powder. Easily soluble in water. On exposure to light it acquires a reddish color. Store it protected from light.

Solubility: A solution of 1 g in 200 mL of water is colorless.

Residue on Ignition (Reagent test): Ignite 1 g with 0.5 mL of sulfuric acid: the residue weighs not more than 1 mg (0.1%).

[NOTE—Metaphenylenediamine hydrochloride solution can be decolorized by treatment with a small quantity of activated charcoal.]

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

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

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocID: [GUID-EBF085B2-9440-4211-AAC6-66F0A819D8CD_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R2162_01_01

DOI ref: [4mxj8](#)