

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	39275
<b>Product</b>	<b><i>N,N</i>-Dimethyl-1,4-phenylenediamine</b> 4-Dimethylaminoaniline dihydrochloride <i>N,N</i> -Dimethyl- <i>p</i> -phenylenediammonium dichloride
<b>CAS Number</b>	536-46-9
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>12</sub> N <sub>2</sub> •2HCl
<b>Molecular Weight</b>	209.11

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<b>Warnings</b>	<i>Light sensitive! Air sensitive! Hygroscopic! Heat sensitive! Store under inert gas!</i>
<b>Synonym 3</b>	DMPD•2HCl
<b>Appearance</b>	White, slightly yellow or dark green crystalline powder
<b>Melting Point</b>	208 °C (dec.)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 1%
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 99% (Calcd. on dried substance, Nonaqueous titration)
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**