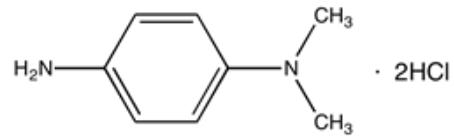


**N,N-Dimethyl-p-phenylenediamine dihydrochloride, for analysis,  
ExpertQ®****Identification**

C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>·2HCl  
M = 209,12 g/mol  
CAS [536-46-9]  
EC number: 208-635-7  
Taric code: 2921 51 90

**Synonyms**

4-Amino-N,N-dimethylaniline dihydrochloride, Oxidase reagent

**Applications**

analytical chemistry, laboratory reagent.

**Specifications**

assay (acidimetric)..... min. 99,5 %  
identity (IR-spectrum)..... passes test

store below 4 °C  
sulfates (SO<sub>4</sub>)..... max. 0,005 %  
residue on ignition..... max. 0,05 %

**Physical data**

- Bulk density: ~ 500 kg/m<sup>3</sup>
- Solub. in water: (20 °C): soluble
- Melting point: 208 - 212 °C (decomposes)
- pH(50 g/l H<sub>2</sub>O, 20 °C) ~ 1,6

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H301: Toxic if swallowed.  
H311: Toxic in contact with skin.  
H330: Fatal if inhaled.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
P284: Wear respiratory protection.  
P320: Specific treatment is urgent (see on this label).  
P361: Remove / Take off immediately all contaminated clothing.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 6.1 T2 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (N,N-Dimethyl-p-phenylenediamine dihydrochloride)
- IMDG: 6.1 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (N,N-Dimethyl-p-phenylenediamine dihydrochloride)
- IATA/ICAO: 6.1 II • UN 2811 • TOXIC SOLID, ORGANIC, N.O.S. (N,N-Dimethyl-p-phenylenediamine dihydrochloride)
- PAX: 613
- CAO: 615
- 2°C - 8°C