## **Certificate of Analysis**

## TMPD (dihydrochloride)

Cat. No.: HY-W012145
CAS No.: 637-01-4
Batch No.: 126868

Chemical Name: 1,4-Benzenediamine, N1,N1,N4,N4-tetramethyl-, hydrochloride (1:2)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{18}Cl_2N_2$ Molecular Weight: 237.17

Storage: 4°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

H-CI H-CI

**ANALYTICAL DATA** 

Appearance:

Off-white to gray (Solid)

H NMR Spectrum:

Consistent with structure

Consistent with structure

**Purity (LCMS):** 99.73%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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