## **Certificate of Analysis**

## 4-Azidobutylamine

Cat. No.: HY-108374

CAS No.: 88192-20-5

Batch No.: 245381

Chemical Name: 1-Butanamine, 4-azido-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_4H_{10}N_4$  Molecular Weight: 114.15

Storage: 4°C, protect from light

\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

**Chemical Structure:** 

$$^{-}N_{\stackrel{\circ}{\sim}}N_{\stackrel{\circ}{\sim}}^{+}N$$

## **ANALYTICAL DATA**

Appearance: Colorless to light yellow (Liquid)

<sup>1</sup>H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥98.0%

**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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