

## Certificate of Analysis

## L-Lysine-<sup>15</sup>N<sub>2</sub> (hydrochloride)

Cat. No.:	HY-N0470S
CAS No.:	1217460-44-0
Batch No.:	243095
Chemical Name:	L-Lysine-15N2 (hydrochloride)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C <sub>6</sub> H <sub>15</sub> Cl <sup>15</sup> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	184.64
Storage:	4°C, sealed storage, away from moisture
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

H<sub>2</sub><sup>15</sup>N 0H



## ANALYTICAL DATA

Appearance:	White to off-white (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (NMR):	≥98.0%
Isotopic Enrichment:	99.8%
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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