

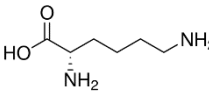


Product Specification

cdhfinechemical.com

L-LYSINE MONO HYDROCHLORIDE FOR FEED EXPERIMENTS

| | |
|------------------------------------|---|
| PRODUCT CODE | 139315 |
| SYNONYMS | -- |
| C.I. NO. | -- |
| CASR NO. | 657-27-2 |
| ATOMIC OR MOLECULAR FORMULA | C₆H₁₄N₂O₂HCl |
| ATOMIC OR MOLECULAR WEIGHT | 182.65 |
| PROPERTIES | -- |



• HCl

| PARAMETER | LIMIT |
|--|--|
| Description | White to off-white crystals or powder. |
| Solubility | Soluble in water. |
| Minimum Assay (NT) | 99.0% |
| Specific rotation [α _{25/D}] (C=8% in 6NHCl) | +20.40 ⁰ to +21.40 ⁰ |
| Melting range | About 263 ⁰ C |

| MAXIMUM LIMIT OF IMPURITIES | |
|---|------------|
| Loss on drying (at 105 ⁰ C, 3 Hrs) | 0.40% |
| Residue on ignition | 0.10% |
| Sulphate (SO ₄) | 0.03% |
| Iron (Fe) | 0.003% |
| Heavy metals (as Pb) | 0.0015% |
| Chloride content | 19.0-19.6% |

Note(s): Assay (if applicable) method mentioned.

| | |
|--|----------------|
| WARNING | IMDG Code : -- |
| Hazard statements: Not hazardous. No hazards. | UN No. : -- |
| Precautionary statements | IATA : -- |
| Prevention: ----- | |
| Response: ----- | |
| Disposal: ----- | |

Hazard Pictogram(s) : -----

Replace date 27-may-2023