

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--|
| Catalogue Number | 01315 |
| Lot Number | 000424-140304-13033 |
| Product | DL-Lysine hydrochloride DL-Lys-OH•HCl (<i>R,S</i>)-2,6-Diaminohexanoic acid monohydrochloride |
| CAS Number | 70-53-1 |
| Molecular Formula | C ₆ H ₁₄ N ₂ O ₂ •HCl |
| Molecular Weight | 182.6 |

| | |
|---------------------------------|--|
| Appearance | White or off-white crystalline powder |
| Solubility | Clear solution (0.3 g in 2 mL H ₂ O) |
| Melting Point | 256.3-256.5 °C |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | 0.98% |
| ¹H NMR | Conforms to structure |
| Assay by titration | 100.37% |
| Storage | Store at RT |
| Remarks | See material safety data sheet for additional information For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager