

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 06199
Lot Number 1018245
Product **L-Proline ethylamide hydrochloride**

L-Pro-NHEt•HCl

CAS Number 58107-62-3
Molecular Formula C₇H₁₄N₂O•HCl

Molecular Weight 178.71

Appearance White powder
Solubility Clear, colorless solution (50 mg/ml in methanol)
Melting Point 122.1 °C
Elemental Analysis (Found) C = 46.7%, N = 15.6%, H = 8.4%
Water Content (Karl Fisher) 0.3%
Optical Rotation [α]_D²⁴ = - 53.6 ° (C=1% in H₂O)
Related Substances < 0.1% H-Pro-OH
Assay Elemental analysis: 99.5% (Nth 15.68%, Nfd 15.60%)
Purity by TLC > 99%
Storage Store at 0-8 °C
Additional Information Product is strongly hygroscopic (liquefies in air)

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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