

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	09391
Lot Number	000127-1037613
Product	L-Anserine•nitrate H-β-Ala-His(3-Me)-OH•nitrate
CAS Number	10030-52-1
Molecular Formula	C ₁₀ H ₁₆ N ₄ O ₃ •HNO ₃
Molecular Weight	303.27

Appearance	White powder with lumps
Solubility	Clear, colorless solution (50 mg/mL in H ₂ O)
Melting Point	219.1 °C
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Isopropanol/Ammonia conc. (1:1) Methanol/Chloroform/Ammonia 17% (2:2:1) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay	99.9% (Elemental analysis; Nth 23.09%, Nfd 23.07%)
Purity by TLC	> 99%
Storage	Store at 0-8 °C
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