

Certificate of Analysis

Date of Testing: 2023-04-14 13:59:46
Date of Next Testing: 2027-04-13 13:59:46
Product Name: **Lysine acetate**
CAS Number: 57282-49-2
Specifications & Purity: 99%
Lot #: D2318156
SKU #: **L111313**
Analysis: **211403**

Parameter	Limit Values	Result
Ammonia (NH ₄)	0-0.02 (%)	0.01%
PH	6.5-7.5	7.10
Chloride (Cl ⁻)	0-0.02 (%)	0.01%
Heavy metal (as Pb)	0-10 (ppm)	4.50 ppm
Specific Rotation [α] ₂₀ /D(c=1 in EtOH) EtAc)	8.5-10 (°)	9.00°
Loss on drying	0-0.2 (%)	0.10%
Iron(Fe)	0-10 (ppm)	5.60 ppm
Arsenic(As ₂ O ₃)	0-1 (ppm)	0.70 ppm
Sulfate(SO ₄ ²⁻)	0-0.02 (%)	0.01%
Transmission 430 nm	98-100 (%)	98.26%
Ignition Residue (as sulfate)	0-0.1 (%)	0.06%
Assay	99-100 (%)	99.74%
Other amino acids	Not detected	Not detected



John Su
QA & QC Manager