

Certificate of Analysis

Product Name	Ammonium L-lactate
Glentham Code	GC2144
CAS Number	515-98-0
MDL Number	MFCD00036411
PubChem SID	310266789
Batch Number	986JOC
Molecular Weight	107.11
Molecular Formula	$\text{CH}_3\text{CH}(\text{OH})\text{CO}_2\text{NH}_4$
Storage Temp.	+20°C



Property	Specification	Batch 986JOC
Physical Description	Clear, colourless to pale yellow liquid	Clear, pale yellow liquid
Identification (IR)	To pass test	Conforms
pH (15% in water)	4.0 - 6.0	4.7
Water	25.0 - 35.0 %	30.0%
Stereochemical Purity	≥ 90.0% (L-isomer)	Conforms
Assay (Acid-base titration)	35.0 - 65.0 % (as Lactic acid)	47.9%

Specification Version	v1.2
Manufacture Date	2018-01-19
Re-Test Date	2028-02-14

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025