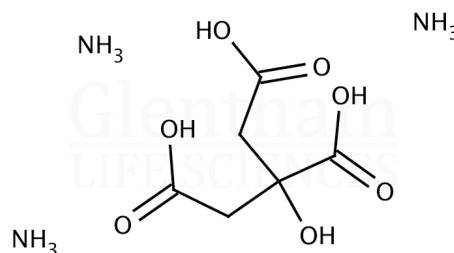


## Certificate of Analysis

Product Name	Ammonium citrate tribasic
Glentham Code	GL7832
CAS Number	3458-72-8
EINECS	222-394-5
MDL Number	MFCD00036406
PubChem SID	310266777
Batch Number	647BER
Molecular Weight	243.22
Molecular Formula	$C_6H_{17}N_3O_7$
Storage Temp.	+20°C



Property	Specification	Batch 647BER
Physical Description	Colourless crystals or white crystalline powder	White crystalline powder
Assay	≥ 98.0%	100.2%
Identification	To pass tests for ammonia and citrate	Conforms
Solubility (10% in water)	Clear, colourless solution	Clear, colourless solution
pH (10% in water)	6.5 - 8.5	7.1
Chloride (Cl)	≤ 10ppm	≤ 10ppm
Iron (Fe)	≤ 1ppm	0.66ppm
Calcium (Ca)	≤ 10ppm	0.99ppm
Chromium (Cr)	≤ 1ppm	0.16ppm
Lithium (Li)	≤ 1ppm	0.1ppm
Magnesium (Mg)	≤ 5ppm	1.2ppm
Nickel (Ni)	≤ 1ppm	0.1ppm
Sodium (Na)	≤ 5ppm	0.5ppm
Lead (Pb)	≤ 1ppm	0.01ppm

Specification Version	v1.0
Manufacture Date	2019-09-09
Re-Test Date	2030-06-07

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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