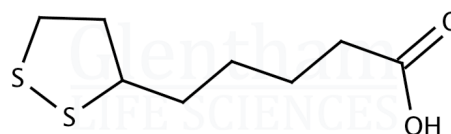


## Certificate of Analysis

Product Name DL-alpha-Lipoic acid  
Glentham Code GK9120  
CAS Number 1077-28-7  
EINECS 214-071-2  
MDL Number MFCD00005474  
PubChem SID 310272325  
Batch Number 235SRF

Molecular Weight 206.33  
Molecular Formula  $C_8H_{14}O_2S_2$   
Storage Temp. +4°C



Property	Specification	Batch 235SRF
Physical Description	Light-yellow to yellow-brown powder	Yellow powder
Melting Point	60.0 - 62.0 °C	62.0°C
Heavy Metals	≤ 20ppm	≤ 10ppm
Loss on Drying	≤ 0.2%	Conforms
Residue on Ignition	≤ 0.1%	0.03%
Total Impurities	≤ 0.5%	0.09%
Assay	≥ 99.0%	99.4%

Specification Version v1.0  
Manufacture Date 2021-06-15  
Re-Test Date 2029-06-20

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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