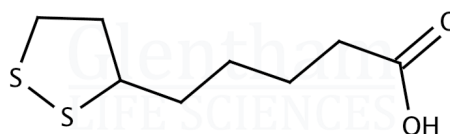


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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