



Formulator Shop Ltd
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CERTIFICATE OF ANALYSIS

Product Name: Alpha Lipoic Acid
M. F. : C8H14O2S2

Batch Number: NM-22122301
Expiry Date: 24 months when properly stored.

ITEM	STANDARD	RESULT
Assay	99.0%~101.0%	99.31%
Appearance	Slightly yellow crystal powder	Complies
Identification	HPLC	Complies
Specific optical rotation	-1.0° ~ +1.0°	0.1°
Melting point	60~62°C	61.3°C
Loss on drying	≤0.1%	0.03%
Total Ash	≤0.1%	0.08%
Chromatographic purity	Single Impurity ≤0.1% Total impurities ≤2.0%	0.01% 0.07%
Heavy Metal	≤10ppm	Complies
Total plate count	≤1000cfu/g	Complies
Yeast & Mould	≤100cfu/g	Complies
E .Coli	Negative	Absent
Salmonella	Negative	Absent
Conclusion	The test results conform to USP.	
Storage & Shelf life	In sealed, cool & dry condition, keep away from strong light. 24 months when properly stored.	

This report is not to be signed.
All data are as per our supplier.