

CERTIFICATE OF ANALYSIS

PRODUCT NAME: DL-Thioctic acid,99%

ITEM NUMBER: T106640
BRAND: Aladdin
CAS NUMBER: 1077-28-7
MDL NUMBER: MFCD00005474
FORMULA: C₈H₁₄O₂S₂
MOLECULAR WEIGHT: 206.33

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	yellow powder,crystals and/or chunks		
Chloride(Cl)	0 %	0.071 %	0.071 %
heavy metals	0 ppm	10 ppm	10 ppm
Infrared spectrum	Conforms to Structure		
Loss on drying	0 %	1 %	1 %
Melting point	60 ° C	63 ° C	63 ° C
Purity(neutralization titration)	99 %	100 %	100 %
Solubility (2% in 10% NaOH)	Pale yellow transparent liquid		
Specific rotation sign(+/-)	±		
Specific rotation [α] ₂₀ /D(C=5 in EtOH)	0 °	1 °	1 °
Sulfated ash	0 %	0.1 %	0.1 %