



## Specification for Alpha Lipoic Acid, USP Dietary Supplement (L1506)

Item Number	L1506
Item	Alpha Lipoic Acid, USP Dietary Supplement
CAS Number	1077-28-7
Molecular Formula	$C_8H_{14}O_2S_2$
Molecular Weight	206.33
MDL Number	
Synonyms	Alpha Lipoic Acid ; Thioctic Acid ; 1,2-Dithiolane-3-valeric Acid ; $\alpha$ -Lipoic Acid

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	99.0	101.0%
MELTING RANGE	60.0°	62.0°C
SPECIFIC ROTATION	- 1.0° TO +1.0°	
CHROMATOGRAPHIC PURITY, PROCEDURE 1	TO PASS TEST	
CHROMATOGRAPHIC PURITY, PROCEDURE 2	TO PASS TEST	
ELEMENTAL IMPURITIES	AS REPORTED	
LOSS ON DRYING		0.2%
RESIDUE ON IGNITION		0.1%
IDENTIFICATION	TO PASS TEST	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	TO PASS TEST	

### *Spectrum Chemical Mfg Corp*

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