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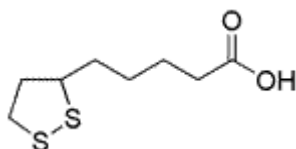
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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	29862
Product	DL-α-Lipoic acid (±)-1,2-Dithiolane-3-pentanoic acid
CAS Number	1077-28-7
Molecular Formula	C ₈ H ₁₄ O ₂ S ₂
Molecular Weight	206.33

Appearance	Slightly yellow crystal powder
Melting Point	60 - 62 °C
Heavy Metals	≤ 10 ppm
Optical Rotation	[α] _D ²⁰ = -1.0 to 1.0 °
Loss on Drying	≤ 0.2% (40 °C, 3h)
Related Substances	Individual impurity : ≤ 0.1% Total impurities : ≤ 2%
Residue On Ignition	≤ 0.1%
Assay	99 - 101% (On dried basis)
Purity by TLC	No spot other than the alpha lipoic acid spot from the sample solution is more intense than the spot at R _f = 0 from standard solution.
Grade	Meets USP specification
Storage	Store at 0 - 8 °C
Additional Information	Identification : Test for A : To pass test Test for B : Infrared spectrum : Conforms to structure

For Laboratory Use Only