

Product Datasheet

GK1941 - DL-alpha-Lipoic acid, USP grade

Precautionary Codes

P280, P261,
P305+P351+P338,
P301+P312

Pictograms



Product Details

Product Name	DL-alpha-Lipoic acid, USP grade
Glenthams Code	GK1941
CAS Number	1077-28-7
EINECS	214-071-2
MDL Number	MFCD00005474
Related Categories	Biochemicals

Structure

Molecular Weight	: 206.33
Molecular Formula	: C ₈ H ₁₄ O ₂ S ₂



Glenthams Product Specification

Physical Description	: Pale yellow to dark yellow powder
Identification	: A, B, according to USP
Residue on Ignition	: ≤ 0.1%
Heavy Metals	: ≤ 10ppm
Any Individual Impurity	: ≤ 0.1%
Total Impurities	: ≤ 2.0%
Chromatographic Purity	: To pass test
Melting Point	: 60.0 - 62.0 °C
Specific Optical Rotation ([α] ₂₀ /D)	: -1.0 - +1.0 ° (c=5, ethanol)
Loss on Drying	: ≤ 0.2% (40°C, 3h)
Assay	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

About DL-alpha-Lipoic acid, USP grade

No further details on record.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Acute Tox. 4, Skin Irr. 2, Eye Irr. 2A, STOT SE 3, STOT SE 3
Signal Word	Warning
Hazard Codes	H312, H315, H319, H335, H336

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