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Certificate of Analysis

Catalogue Number	39673
Product	(R)-α-Lipoic acid
Lot Number	001932-20210223 (R)-Thioctic acid
CAS Number	1200-22-2
Molecular Formula	C ₈ H ₁₄ O ₂ S ₂
Molecular Weight	206.32
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Appearance	Light yellow to yellow powder
Melting Point	48.5 - 50.4 °C
Water Content (Karl Fisher)	0.2%
Optical Rotation	[α] _D ²⁰ = 118.1 ° (C=1 in EtOH)
¹H NMR	Conforms to structure
Purity by HPLC	99.98%
Storage	Store at 2 - 8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager