



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-483319  
Lot Number: SAMPLE  
Product Name: Methylmalonyl DL-Carnitine-d3 Chloride (Mixture of Diastereomers)  
CAS Number: 821794-54-1 unlabeled  
Molecular Formula:  $C_{11}H_{17}D_3ClNO_6$   
Molecular Weight: 300.75  
Native Source: Synthetic

Test	Result
Appearance	Clear colorless sticky solid
Identification (NMR)	Conforms to structure
Identification (Mass Spectrometry)	Conforms to structure
Isotopic Purity	99.5%
Purity (TLC)	95%
Elemental Analysis	%C: 42.14 %H: 6.31 %N: 4.15
Solubility	DMSO (Slightly), Methanol (Slightly), Water (Slightly)
Chloride	10.8%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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