



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-213138  
Lot Number: SAMPLE  
Product Name: Uridine-5,6-d2  
CAS Number: 40632-21-1  
Molecular Formula:  $C_9H_{10}D_2N_2O_6$   
Molecular Weight: 246.21

Test	Specification	Result
Appearance		Off-white solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Isotopic Purity		97.8%
Purity (TLC)		98%
Atmosphere		Air
Melting Point		165 - 167 °C
Solubility		DMSO (slightly), Methanol (slightly)
Carbon Content	43.90%	43.89%
Hydrogen Content	4.91%	4.93%
Nitrogen Content	11.38%	11.29%

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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