



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-460977
Lot Number: SAMPLE
Product Name: Curcumin-d6
CAS Number: 1246833-26-0
Molecular Formula: $C_{21}H_{14}D_6O_6$
Molecular Weight: 374.42
Native Source: Synthetic

Test	Result
Appearance	Orange solid
Identification (1H -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Isotopic Purity	99.6%
Purity (TLC)	98%
Atmosphere	Air
Melting Point	184 - 186 °C
Solubility	Dichloromethane, DMSO
Carbon Content	67.09%
Hydrogen Content	5%

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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