



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-489444
Lot Number: SAMPLE
Product Name: trans-2-Hexenal-D2
CAS Number: 164791-70-2 (unlabeled)
Molecular Formula: $C_6H_8D_2O$
Molecular Weight: 100.16
Native Source: Synthetic

Test	Result
Appearance	Clear colourless oil
Identification (1H -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Isotopic Purity	96.9%
Purity (TLC)	98%
Atmosphere	Inert gas
Solubility	Chloroform (slightly), DMSO (slightly), Ethyl Acetate (slightly)
Impurity	Pentane: 7.0%
Isopropanol	2.7%

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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