



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

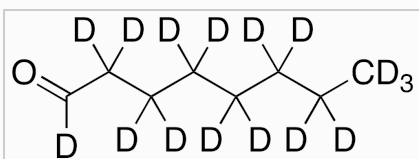
Catalogue Number: O237202

CAS Number: 1219794-66-7

Product: Octanal-d16

Synonym: Aldehyde C8-d16; Antifoam LF-d16; Caprylaldehyde-d16; Caprylic Aldehyde-d16; NSC 1508-d16; NSC 8969-d16; Octaldehyde-d16; Octanaldehyde-d16; Octanoic Aldehyde-d16; Octylaldehyde-d16; n-Caprylaldehyde-d16; n-Octaldehyde-d16; n-Octanal-d16; n-Octyl Aldehyde-d16; n-Octylal-d16;

Structure:



Molecular Formula:

$C_8D_{16}O$

Molecular weight:

144.31

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: EF-296

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Colourless Oil
NMR	Conforms to Structure	Conforms
GC Purity	Report Result	97.34%
Isotopic Purity	>95%	>95% by NMR

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Iuri Lutenco	Toni Rantanen	Chanell Chu	4/20/2023	4/18/2027