



CERTIFICATE OF ANALYSIS

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1. Identification

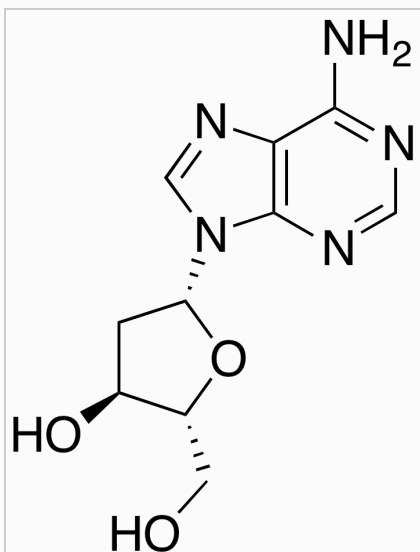
Catalogue Number: D239583

CAS Number: 958-09-8

Product: 2'-Deoxyadenosine

Synonym: 167: PN: US20040053876 SEQID: 167
unclaimed DNA; 9-(2-Deoxy-β-D-erythro-
pentofuranosyl)adenine; NSC 141848; NSC
143510; NSC 83258; 1-(6-Amino-9H-purin-9-
yl)-1,2-dideoxy-β-D-ribofuranose;

Structure:



Molecular Formula:

C₁₀H₁₃N₅O₃

Molecular weight:

251.24

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol
(Slightly), Water (Slightly)

Lot Number: 1-JMO-151-1

Purity: 98%

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	100.00% (260 nm)
Elemental Analysis	Conforms	%C: 44.71, %H: 5.62, %N: 26.06
Water Content	Report Result	6.6% by Karl Fischer
Specific Rotation	Report Result	-24.8° (c = 0.5, Water)

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 ± 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
Evan Burns	Toni Rantanen	Chanell Chu	6/14/2021	6/12/2025
				