CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

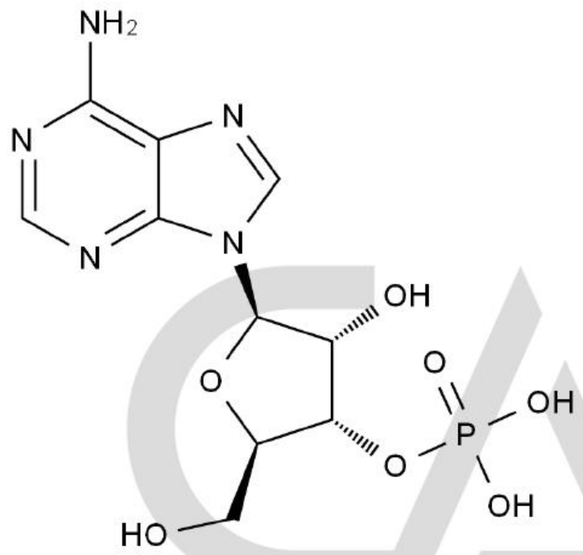
No.: 202408230119

Certificate of Analysis

Reference Material & Standard

Product Name:	Adenosine Impurity N9	**Catalogue Number:**	CP148990
Synonyms:	N/A	**Lot Number:**	0918-RF-0078
CAS Number:	84-21-9	**Expiry Date:**	Sep 19, 2027
Molecular Formula:	C10H14N5O7P	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.22	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss On Drying	TGA	0.8031%
Assay		99.2%

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Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss On Drying) * Purity ELSD (%) /100%*
Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Sep 20, 2024

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Approved by General Manager: David — Date: Sep 20, 2024

CATO Research Chemicals Inc.

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