



CERTIFICATE OF ANALYSIS

Product Name: **2-iP (6- γ , γ -Dimethylallylaminopurine)**
(2-Isopentenyl-adenine)

Catalog Number: D006 Molecular Formula: C₁₀H₁₃N₅
Lot Number: 01182004 Formula Weight: 203.24
CAS Number: 2365-40-4 Storage: -20 to -5°C
Source: Synthetic Retest Date: 30-NOV-2021

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Powder	PASS
Identity Test	Passes Test	PASS
Assay	≥ 96.0 %	99.89 %
Elemental Analysis - Carbon	56.7- 61.5 %	59.03 %
Elemental Analysis - Hydrogen	5.8- 7.1 %	6.41 %
Elemental Analysis - Nitrogen	33.1- 35.8 %	34.65 %
Melting Point	212- 215°C	213.0°C
Solubility (10mg/mL, 1 M KOH)	Clear, Slightly Yellow Solution	PASS
Moisture (LOD)	≤ 2.0 %	0.4 %
Plant Tissue Culture	Passes Test	PASS

This product meets or exceeds the quality standards established by Caisson Laboratories, Inc.

This product is intended for Laboratory Use Only

Prepared by:

Reviewed by:

Aaron Dryden 1/19/2018
Quality Control