



CERTIFICATE OF ANALYSIS

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

Catalog Number: D006 Molecular Formula: C₁₀H₁₃N₅
Lot Number: 05142001 Formula Weight: 203.24
CAS Number: 2365-40-4 Storage: -20 to -5°C
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 %	96.8 %
Elemental Analysis		
Carbon (C)	56.7 - 61.5 %	58.8 %
Hydrogen (H)	5.8 - 7.1 %	6.1 %
Nitrogen (N)	33.1 - 35.8 %	34.7 %
Melting Point	Record	209 - 211 °C
Solubility (1 %, 1M KOH)	Clear, Slightly Yellow Solution	PASS
Moisture (LOD)	≤ 2.0 %	0.2 %
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 11/1/2018
Quality Control