



## CERTIFICATE OF ANALYSIS

Product Name: **2-iP (6- $\gamma$ , $\gamma$ -Dimethylallylaminopurine)**  
(2-Isopentenyl-adenine)

Catalog Number: D006                      Molecular Formula: C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>  
Lot Number: 09182005                      Formula Weight: 203.24  
CAS Number: 2365-40-4                      Storage: -20 to -5°C  
Source: China, Synthetic                      Retest Date: 31-JUL-2022

<u>Test</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Powder	PASS
Identity Test	Passes Test	PASS
Assay	≥ 96.0 %	99.61 %
Elemental Analysis		
Carbon (C)	56.7 - 61.5 %	59.03 %
Hydrogen (H)	5.8 - 7.1 %	6.40 %
Nitrogen (N)	33.1 - 35.8 %	34.55 %
Melting Point	212 - 215 °C	214.0 °C
Solubility (1 %, 1M KOH)	Clear, Slightly Yellow Solution	PASS
Moisture (LOD)	≤ 2.0 %	0.35 %
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                      09/25/2018  
Quality Control