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CERTIFICATE OF ANALYSIS

2-iP

*N*6-(2-isopentenyl) adenine

Catalog Number:	D006	Molecular Formula:	C ₁₀ H ₁₃ N ₅
Lot Number:	07202004	Formula Weight:	203.24
CAS Number:	2365-40-4	Storage:	-20° to -5°C
Source:	China, Chemical Synthesis	Retest Date:	31-May-2026

Test	Specifications	Results
Appearance	Off-White Powder	Pass
Identity Test	Passes Test	Pass
Melting Point	Report	214°C
Assay	≥ 96 %	99.2 %
Loss on Drying	≤ 2.0 %	0.07 %
Elemental Analysis		
Carbon (C)	56.7 – 61.5 %	59.2 %
Hydrogen (H)	5.8 – 7.1 %	6.1 %
Nitrogen (N)	33.1 – 35.8 %	34.5 %
Solubility (10 mg/mL, 1M KOH)	Clear, Colorless to Yellow, Clear Solution	Pass
Plant Tissue Culture of:		
<i>Solanum tuberosum</i>	Promotes Shoot and Leaf	
<i>Vitis spp.</i>	Proliferation	Pass
<i>Tradescantia zebrina</i>		

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

This product is intended for laboratory use only.

Prepared by:

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Reviewed by:

29-May-2024