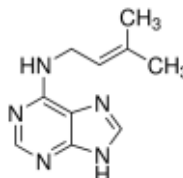


Certificate of Analysis

Product Name:

6-(γ,γ-Dimethylallylamino)purine - BioReagent, suitable for plant cell culture, ≥98.5%

Product Number: D7674
Batch Number: BCCK1984
Brand: SIGMA
CAS Number: 2365-40-4
Formula: C₁₀H₁₃N₅
Formula Weight: 203,24 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 04 JUL 2023



Test	Specification	Result
Appearance (Color)	White to Off White	Off White
Appearance (Form)	Powder	Powder
Purity (HPLC)	≥ 98.5 %	99.0 %
Solubility (Color)	Colorless to Faint Yellow	Almost Colorless
Solubility (Turbidity)	Clear	Clear
10mg/ml in 1n Hydrochloric Acid		
Water	≤ 2 %	0 %
Carbon Content	53.2 - 65.0 %	57.9 %
Nitrogen Content	31.0 - 37.9 %	34.2 %
Infrared Spectrum	Conforms to Structure	Conforms
Plant Cell Culture Test	Corresponds to Requirements	Corresponds
Pass		

Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

