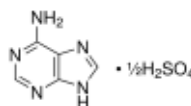


Certificate of Analysis

Product Name:

Adenine hemisulfate salt - suitable for plant cell culture, BioReagent, ≥99%

Product Number: A2545
Batch Number: WXBFO756V
Brand: SIGMA
CAS Number: 321-30-2
Formula: C₅H₅N₅ · 0.5H₂O₄S
Formula Weight: 184.17 g/mol
Quality Release Date: 28 APR 2023



Test	Specification	Result
Appearance (Colour)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
10 mg/mL, 0.5 M HCL		
UV-Vis Spectrum (Dry Basis)	12.7 - 13.3	12.9
EmM in 0.1 M HCl		
Wavelength	262 - 263 NM	262 NM
Purity (HPLC)	≥ 99 %	99 %
Loss on Drying	≤ 4.0 %	0.3 %
Plant Cell Culture Test	Pass	Pass

Kang Chen
Quality Manager
Wuxi, China CN

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.

