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Product Specification

Product Name:

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

Product Number:

A2545

CAS Number:

321-30-2

MDL:

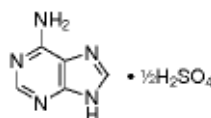
MFCD00213655

Formula:

C₅H₅N₅·0.5H₂O₄S

Formula Weight:

184.17 g/mol



TEST

Specification

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

Specification: PRD.1.ZQ5.10000013639

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.