

Certificate of Analysis

Date of Testing: 2025-06-11 11:06:55

Date of Next Testing: 2029-06-10 11:06:55

Product Name: **6-Benzylaminopurine**

CAS Number: 1214-39-7

Specifications & Purity: for plant cell culture, ≥99%

Lot #: I2104108

SKU # **B109255**

Version **1**

Analysis #: **522240**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Carbon by Elemental Analysis(anhydrous)	62.4-65.6 (%)	64.00 %
Nitrogen by Elemental Analysis	30.3-31.9 (%)	31.00 %
Water by Karl Fischer	0-1 (%)	0.45 %
Appearance (B109255)	White to Off White Powder or solid	white to off white powder or solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility , 50 mg/mL, Glacial Acetic Acid , Colorless to Light Yellow , Clear to Slightly Hazy	Pass	Pass



John Su
QA & QC Manager