

Certificate of Analysis

Date of Testing: 2022-12-21 16:55:34
 Date of Next Testing: 2026-12-20 16:55:34
 Product Name: **6-Benzylaminopurine**
 CAS Number: 1214-39-7
 Specifications & Purity: for plant cell culture, $\geq 99.0\%$
 Lot #: L2216395
 SKU #: **B109255**
Analysis: **160963**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.35000 %
Carbon by Elemental Analysis(anhydrous)	62.4-65.6 (%)	63.59 %
Nitrogen by Elemental Analysis	30.3-31.9 (%)	30.86 %
Water by Karl Fischer	0-1 (%)	0.63 %
Appearance (B109255)	White to Off White Powder or solid	white to off white powder or solid
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
Plant cell culture test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager