

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-22 15:53:37
Date of Next Testing: 2026-12-21 15:53:37
Product Name: **6-Benzylaminopurine**
CAS Number: 1214-39-7
Specifications & Purity: for plant cell culture, $\geq 99.0\%$
Lot #: L2216396
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