

## 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 #: I2104107

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<br>Powder or solid | white to off white<br>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                                  |



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