

# CERTIFICATE OF ANALYSIS

Product Description 6-BENZYLAMINOPURINE  
BA; N6-BENZYLADENINE  
Product Number B800  
Lot Number HRW0800057  
Storage Temperature Room Temperature  
Molecular Weight 225.3  
Formula C<sub>12</sub>H<sub>11</sub>N<sub>5</sub>  
CAS Number 1214-39-7

## Physiochemical Specifications:

| TEST                                    | SPECIFICATION                            | RESULTS            |
|---|--|--------------------|
| Solubility                              | Soluble in 5N KOH @ 400 g/L              | Passes             |
| Physical Appearance<br>Color*           | 2142-70 to 2146-70,<br>PM-1 to PM-4      | PM-2 White         |
| Texture                                 | Fine to Coarse Powder                    | Fine Powder        |
| Solution Appearance<br>Clarity<br>Color | Clear<br>Colorless to Slight Yellow Tint | Clear<br>Colorless |
| Average Time to Dissolve                | For Information Only<br>(Approx. 3 min)  | Passes             |
| Insolubles                              | None                                     | Passes             |
| Purity                                  | Minimum 98.0%                            | 99.17%             |
| FTIR                                    | Conforms to Structure                    | Passes             |

\* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

## Biological Testing:

Test Concentration: 5.0 mg/L

| TEST SPECIFICATION   | PLANT CELL LINE       | RESULTS |
|--|-----------------------|---------|
| Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants | Parrot Feather        | Passes  |
|  | Xanthi Tobacco Callus | Passes  |

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTech Labs Inc. provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTech Labs Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for **LABORATORY USE ONLY**. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Date of Release: 08-January-2024

Recommended Shelf-Life Date: January 2032



David Hart  
Technical Director