

# Certificate of Analysis

**Product Name:** 6-Benzylaminopurine (6-BAP; 6-Benzyladenine)  
**Cat #:** B-110  
**CAS #:** 1214-39-7  
**Lot #:** Lot Specific  
**Retest Date:** Lot Specific  
**Storage:<sup>†</sup>** Store desiccated at -20°C. Protect from light.

Test	Specs	Results
Color	white to off-white	white
Form	powder	powder
Color of Solution (1% in ethanol)	colorless to almost colorless	colorless
Turbidity (1% in ethanol)	max. 4.0 NTU	1.8 NTU
Loss on Drying (105°C, 3 hours, vacuum)	max. 1.0%	0.08%
Melting Point	229 to 233°C	232°C
Perchloric Acid Titration (0.1 mol/L)	98.0 to 102.0%	99.6%
Purity (HPLC)	min. 98.0 area-%	99.9 area-%
Sulphated Ash	max. 0.2%	0.1%
Heavy Metals as Pb (color reaction with thioacetamid)	max. 10 mg/kg	<10 mg/kg
FT-IR Spectrum	consistent with assigned structure	corresponds

\* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

† Storage at listed temperature applies to retest date (if shown) or two years from purchase date. Check label for long term storage conditions, which may extend the product beyond the retest date and/or greater than two years from purchase.

**Gold Biotechnology, Inc.**  
 1328 Ashby Rd.  
 St. Louis, MO 63132  
 P: (314)890-8778  
 F: (314)890-0503  
 E: [contactgoldbio86@goldbio.com](mailto:contactgoldbio86@goldbio.com)