



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-287828  
Lot Number: SAMPLE  
Product Name: 2-Aminopurine  
CAS Number: 452-06-2  
Molecular Formula:  $C_5H_5N_5$   
Molecular Weight: 135.13

| Test                   | Specification   | Result              |
|------------------------|---|---------------------|
| Appearance             | White to light yellow powder  | Faint yellow powder |
| Purity (HPLC)          | $\geq 99\%$   | 100%                |
| Solution (Color)       | Colorless to light yellow and colorless to light green-yellow at 50 mg/ml in formic acid: $H_2O$ (1: 1) | Faint green-yellow  |
| Solution (Turbidity)   | Clear to slightly hazy at 50 mg/ml in formic acid: $H_2O$ (1: 1)  | Very slightly hazy  |
| Extinction Coefficient | 3.9 - 4.0   | 4.0                 |
| Wavelength             | 314 - 316 nm  | 315 nm              |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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