

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-17 14:03:22  
Date of Next Testing: 2028-06-16 14:03:22  
Product Name: **6-Propyl-2-thiouracil**  
CAS Number: 51-52-5  
Specifications & Purity: 98%  
Lot #: I2004142  
SKU #: **P106338**  
Version: **0**  
Analysis #: **369914**

Parameter	Limit Values	Result
Melting point	218-221 (°C)	220.50000 °C
Purity(HPLC)	98-100 (%)	99.38100 %
Appearance (P106338)	White to white with yellow cast powder	White to white with yellow cast powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 10% NH4OH	Colorless to Faint Yellow, Clear to Hazy, 100mg/ml	Colorless to Faint Yellow, Clear to Hazy, 100mg/ml



John Su  
QA & QC Manager