

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-17 10:39:56

Date of Next Testing: 2027-05-16 10:39:56

Product Name: **6-Thioguanine**

CAS Number: 154-42-7

Specifications &amp; Purity: 98%

Lot #: E2304284

SKU #: **T106639****Analysis: 011911**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.18500 %
Carbon by Elemental Analysis	35.15-36.65 (%)	36.27 %
Nitrogen by Elemental Analysis	41.00-42.75 (%)	42.57 %
Appearance (T106639)	White to Yellow-Green Powder	White to Yellow-Green Powder
Solubility in 1 M NaOH , Colorless to Light Green,Clear to Hazy,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su  
QA & QC Manager