

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-09 14:57:05

Date of Next Testing: 2027-05-08 14:57:05

Product Name: **6-Thioguanine**

CAS Number: 154-42-7

Specifications & Purity: 98%

Lot #: E2304289

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