

Certificate of Analysis

Date of Testing: 2023-06-13 15:36:10

Date of Next Testing: 2027-06-12 15:36:10

Product Name: **6-Thioguanine**

CAS Number: 154-42-7

Specifications & Purity: 98%

Lot #: F2307318

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