

Certificate of Analysis

Date of Testing: 2024-09-19 15:09:29

Date of Next Testing: 2028-09-18 15:09:29

Product Name: **6-Thioguanine**

CAS Number: 154-42-7

Specifications & Purity: 98%

Lot #: I2411123

SKU #: **T106639**

Version: **1**

Analysis #: **367953**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.67900%
Carbon by Elemental Analysis	35.15-36.65 (%)	35.68%
Nitrogen by Elemental Analysis	41.00-42.75 (%)	41.75%
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