

Certificate of Analysis

Date of Testing: 2025-06-11 10:02:44
Date of Next Testing: 2029-06-10 10:02:44
Product Name: **6-Thioguanine**
CAS Number: 154-42-7
Specifications & Purity: Moligand™, ≥98%
Lot #: H2126445
SKU #: **T106639**
Version: **1**
Analysis #: **522181**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10000 %
Carbon by Elemental Analysis	35.15-36.65 (%)	36.20 %
Nitrogen by Elemental Analysis	41.00-42.75 (%)	42.50 %
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