

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-11 15:27:25
Date of Next Testing: 2028-06-10 15:27:25
Product Name: **Thiosemicarbazide (TSC)**
CAS Number: 79-19-6
Specifications & Purity: AR, ≥99%
Lot #: F2405526
SKU #: **T104266**
Version: **2**
Analysis #: **350613**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	45.7-47.1 (%)	47.01000 %
Purity(HPLC area)	99-100 (%)	99.45300 %
Carbon by Elemental Analysis	13-13.4 (%)	13.35000 %
Appearance (T104266)	White to Yellow to Beige Powder or Crystals	White to Yellow to Beige Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , very faint turbidity	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager