

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-21 16:54:43

Date of Next Testing: 2027-04-20 16:54:43

Product Name: **Thiosemicarbazide (TSC)**

CAS Number: 79-19-6

Specifications & Purity: AR, ≥99%

Lot #: D2318604

SKU #: **T104266**

Version: **2**

Analysis #: **198257**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	99-100 (%)	99.92600 %
Nitrogen by Elemental Analysis	45.7-47.1 (%)	45.77300 %
Carbon by Elemental Analysis	13-13.4 (%)	13.22700 %
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , very faint turbidity	pass	Pass



John Su
QA & QC Manager