

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-12 18:02:26  
 Date of Next Testing: 2030-06-11 18:02:26  
 Product Name: **Thiosemicarbazide (TSC)**  
 CAS Number: 79-19-6  
 Specifications & Purity: AR, ≥99%  
 Lot #: F2611669  
 SKU #: **T104266**  
 Version: **2**  
 Analysis #: **715725**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                                                 | Limit Values                                | Result                                      |
|-----------------------------------------------------------|---------------------------------------------|---------------------------------------------|
| Nitrogen by Elemental Analysis                            | 45.7-47.1 (%)                               | 45.82300 %                                  |
| Carbon by Elemental Analysis                              | 13-13.4 (%)                                 | 13.10600 %                                  |
| Purity(HPLC area)                                         | 99-100 (%)                                  | 100.00000 %                                 |
| Appearance (T104266)                                      | White to Yellow to Beige Powder or Crystals | White to Yellow to Beige Powder or Crystals |
| Proton NMR spectrum                                       | Conforms to Structure                       | Conforms to Structure                       |
| Solubility in hot H <sub>2</sub> O , very faint turbidity | pass                                        | Pass                                        |



John Su  
QA & QC Manager