

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-21 14:30:20

Date of Next Testing: 2025-08-10 14:30:20

Product Name: **2-Iodothiophene**

CAS Number: 3437-95-4

Specifications & Purity:  $\geq 97\%$ , stabilized with copper

Lot #: K2102268

SKU #: **I107041**

Version: **0**

Analysis #: **266600**

Storage Temperature: Store at 2-8°C

| Parameter                          | Limit Values                               | Result                                     |
|------------------------------------|--------------------------------------------|--------------------------------------------|
| Density (20°C)                     | 2.058-2.073                                | 2.06600                                    |
| Purity(GC)                         | 97-100 (%)                                 | 99.37000 %                                 |
| Refractive index n <sub>20/D</sub> | 1.65-1.654                                 | 1.65270                                    |
| Appearance (I107041)               | Colorless to Yellow to Yellow-Green Liquid | Colorless to Yellow to Yellow-Green Liquid |
| Infrared spectrum                  | Conforms to Structure                      | Conforms to Structure                      |
| Proton NMR spectrum                | Conforms to Structure                      | Conforms to Structure                      |
| Stabilizer (Copper chip)           | Conforms                                   | Conforms                                   |



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QA & QC Manager