

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-22 16:38:17

Date of Next Testing: 2024-07-11 16:38:17

Product Name: **Acetylthiocholine iodide**

CAS Number: 1866-15-5

Specifications & Purity:  $\geq 98\%$

Lot #: G2220258

SKU #: **A100869**

Version: **0**

Analysis #: **093256**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                               | Limit Values          | Result                |
|---------------------------------------------------------|-----------------------|-----------------------|
| Iodine(Titration by AgNO <sub>3</sub> )                 | 42.8-45 (%)           | 43.47000 %            |
| Melting point                                           | 204-209 (°C)          | 207.92000 °C          |
| Purity(HPLC)                                            | 98-100 (%)            | 99.72900 %            |
| Appearance (A100869)                                    | White powder          | White powder          |
| Infrared spectrum                                       | Conforms to Structure | Conforms to Structure |
| Solubility, Colorless Clear , 1 mg/ml, H <sub>2</sub> O | pass                  | Pass                  |
| Test as substrate for acetylcholinesterase              | Pass                  | Pass                  |



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QA & QC Manager