

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-03 10:15:09

Date of Next Testing: 2026-07-02 10:15:09

Product Name: **Tributyltin chloride**

CAS Number: 1461-22-9

Specifications & Purity:  $\geq 96\%$

Lot #: F2315949

SKU #: **T104678**

Version: **0**

Analysis #: **231248**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                           | Limit Values                    | Result                          |
|-------------------------------------|---------------------------------|---------------------------------|
| Purity(GC)                          | 96-100 (%)                      | 97.53000 %                      |
| Density (20°C)                      | 1.198-1.21                      | 1.19900                         |
| Refractive index n <sub>20</sub> /D | 1.488-1.493                     | 1.49130                         |
| Appearance (T104678)                | colorless to pale yellow liquid | colorless to pale yellow liquid |
| Proton NMR spectrum                 | Conforms to Structure           | Conforms to Structure           |



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QA & QC Manager