

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-19 17:40:35

Date of Next Testing: 2029-08-18 17:40:35

Product Name: **Tributyl citrate**

CAS Number: 77-94-1

Specifications & Purity:  $\geq 98\%$

Lot #: H2514085

SKU #: **T105179**

Version: **0**

Analysis #: **391407**

Storage Temperature: Room temperature

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Acidity (as citric acid)            | 0-0.02 (%)                       | 0.00000 %                        |
| Sulfate Ash                         | 0-0.05 (%)                       | 0.00000 %                        |
| Density (20°C)                      | 1.043-1.047                      | 1.04670                          |
| Refractive index n <sub>20</sub> /D | 1.443-1.446                      | 1.44530                          |
| Purity(GC)                          | 98-100 (%)                       | 98.73900 %                       |
| Water by Karl Fischer               | 0-0.3 (%)                        | 0.06900 %                        |
| Appearance (T105179)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager