

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-09 14:04:47

Date of Next Testing: 2029-09-08 14:04:47

Product Name: **Tributyl citrate**

CAS Number: 77-94-1

Specifications & Purity:  $\geq 98\%$

Lot #: I2505045

SKU #: **T105179**

Version: **0**

Analysis #: **487954**

Storage Temperature: Room temperature

| Parameter                          | Limit Values                     | Result                           |
|------------------------------------|----------------------------------|----------------------------------|
| Sulfate Ash                        | 0-0.05 (%)                       | 0.00000 %                        |
| Density (20°C)                     | 1.043-1.047                      | 1.04380                          |
| Refractive index n <sub>20/D</sub> | 1.443-1.446                      | 1.44540                          |
| Water by Karl Fischer              | 0-0.3 (%)                        | 0.03760 %                        |
| Acidity (as citric acid)           | 0-0.02 (%)                       | 0.01100 %                        |
| Purity(GC)                         | 98-100 (%)                       | 98.82500 %                       |
| 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