

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-21 11:01:52

Date of Next Testing: 2026-03-20 11:01:52

Product Name: **Tributyl citrate**

CAS Number: 77-94-1

Specifications &amp; Purity: 98%

Lot #: C2218030

SKU #: **T105179****Analysis: 085310**

Parameter	Limit Values	Result
Acidity (as citric acid)	0-0.02 (%)	0.01 %
Sulfate Ash	0-0.05 (%)	0.02 %
Density (20°C)	1.043-1.047	1.04
Refractive index n <sub>20</sub> /D	1.443-1.446	1.45
Purity(GC)	98-100 (%)	98.24 %
Water by Karl Fischer	0-0.3 (%)	0.19 %
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