

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-27 14:14:40

Date of Next Testing: 2026-09-26 14:14:40

Product Name: **Tributyl citrate**

CAS Number: 77-94-1

Specifications & Purity: 98%

Lot #: I2220571

SKU #: **T105179****Analysis: 133988**

Parameter	Limit Values	Result
Acidity (as citric acid)	0-0.02 (%)	0.01 %
Sulfate Ash	0-0.05 (%)	0.03 %
Density (20°C)	1.043-1.047	1.04
Refractive index n ₂₀ /D	1.443-1.446	1.45
Purity(GC)	98-100 (%)	99.57 %
Water by Karl Fischer	0-0.3 (%)	0.12 %
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