

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-09 14:27:41
Date of Next Testing: 2029-04-08 14:27:41
Product Name: **Tributyl citrate**
CAS Number: 77-94-1
Specifications & Purity: $\geq 98\%$
Lot #: D2507745
SKU #: **T105179**
Version: **0**
Analysis #: **487953**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate Ash	0-0.05 (%)	0.00 %
Density (20°C)	1.043-1.047	1.04
Refractive index n ₂₀ /D	1.443-1.446	1.45
Water by Karl Fischer	0-0.3 (%)	0.04 %
Purity(GC)	98-100 (%)	98.17 %
Acidity (as citric acid)	0-0.02 (%)	0.01 %
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