

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-06 16:42:06
 Date of Next Testing: 2028-08-05 16:42:06
 Product Name: **Tributyl citrate**
 CAS Number: 77-94-1
 Specifications & Purity: $\geq 98\%$
 Lot #: G2430128
 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 _{20/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