

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-11 14:19:34  
Date of Next Testing: 2028-06-10 14:19:34  
Product Name: **Tributylhexylphosphonium Bromide**  
CAS Number: 105890-71-9  
Specifications & Purity:  $\geq 98\%$ (T)  
Lot #: I2216638  
SKU #: **T405095**  
Version: **1**  
Analysis #: **525387**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Argentometric Titration)	98-102.5 (%)	101.95800 %
Appearance(T405095)	White or Colorless to Light orange to Yellow powder to lump to clear liquid	White or Colorless to Light orange to Yellow powder to lump to clear liquid
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
31P NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager