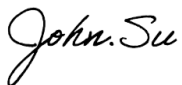


ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 11:52:33
Date of Next Testing: 2029-11-06 11:52:33
Product Name: **Benzalkonium chloride**
CAS Number: 63449-41-2
Specifications & Purity: PharmPure™,ChP,≥95%
Lot #: L2125287
SKU #: **B103604**
Version: **1**
Analysis #: **589221**
Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Purity (T)(anhydrous)	95-105 (%)	100.21000 %
Water by Karl Fischer	0-10 (%)	1.13330 %
Purity(HPLC,benzyltrimethylammonium chloride)	60-80 (%)	68.31300 %
Purity(HPLC,benzyltrimethylammonium chloride)	20-40 (%)	29.71600 %
Appearance (B103604)	white to yellow solid,colorless to yellow liquid	white to yellow solid,colorless to yellow liquid
Solubility in hot H2O , Colorless to Faint Yellow,Clear,1g/10ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager