

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-08 13:48:22

Date of Next Testing: 2029-02-07 13:48:22

Product Name: **Benzalkonium chloride**

CAS Number: 63449-41-2

Specifications & Purity: PharmPure™,ChP,≥95%

Lot #: D2122075

SKU # **B103604**

Version **1**

Analysis #: **468069**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Purity (T)(anhydrous)	95-105 (%)	96.40000 %
Water by Karl Fischer	0-10 (%)	1.17000 %
Purity(HPLC,benzyltrimethylammonium chloride)	60-80 (%)	76.40000 %
Purity(HPLC,benzyltrimethyltetradecylammonium chloride)	20-40 (%)	21.90000 %
Appearance (B103604)	white to yellow solid,colorless to yellow liquid	white to yellow solid,colorless to yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H2O , Colorless to Faint Yellow, Clear, 1g/10ml	pass	Pass



John Su
QA & QC Manager