

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-24 16:17:38

Date of Next Testing: 2029-05-23 16:17:38

Product Name: **Benzalkonium chloride**

CAS Number: 63449-41-2

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

Lot #: E2515055

SKU #: **B103604**

Version: **1**

Analysis #: **055247**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	2.81080 %
Purity (T)(anhydrous)	95-105 (%)	96.58000 %
Purity(HPLC,benzyltrimethylammonium chloride)	60-80 (%)	73.58300 %
Purity(HPLC,benzyltrimethyltetradecylammonium chloride)	20-40 (%)	25.93000 %
Solubility in hot H ₂ O , Colorless to Faint Yellow,Clear,1g/10ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (B103604)	white to yellow solid,colorless to yellow liquid	white to yellow solid,colorless to yellow liquid



John Su
QA & QC Manager