

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-06 12:00:03  
 Date of Next Testing: 2030-03-05 12:00:03  
 Product Name: **18-Crown-6**  
 CAS Number: 17455-13-9  
 Specifications & Purity: for ion pair chromatography, ≥99%(GC)  
 Lot #: C2605372  
 SKU #: **C124569**  
 Version: **0**  
 Analysis #: **519098**  
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Molybdenum(Mo)	0-1 (ppm)	0.00 ppm
Chromium(Cr)	0-1 (ppm)	0.00 ppm
Zinc(Zn)	0-1 (ppm)	0.00 ppm
Ammonia (NH4)	0-50 (ppm)	0.00 ppm
Calcium(Ca)	0-5 (ppm)	0.00 ppm
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	100.00 %
Nickel(Ni)	0-1 (ppm)	0.00 ppm
Aluminum(Al)	0-1 (ppm)	0.00 ppm
(Pb)Lead	0-1 (ppm)	0.00 ppm
Manganese(Mn)	0-1 (ppm)	0.00 ppm
Copper(Cu)	0-1 (ppm)	0.00 ppm
Barium(Ba)	0-1 (ppm)	0.00 ppm
Lithium(Li)	0-1 (ppm)	0.00 ppm
Cobalt(Co)	0-1 (ppm)	0.00 ppm
Magnesium(Mg)	0-1 (ppm)	0.00 ppm
Cadmium(Cd)	0-1 (ppm)	0.00 ppm
Total Metallic Impuritie	0-10 (ppm)	0.00 ppm
Potassium(K)	0-1 (ppm)	0.00 ppm
Iron(Fe)	0-1 (ppm)	0.00 ppm
Strontium(Sr)	0-1 (ppm)	0.00 ppm
Sodium(Na)	0-20 (ppm)	0.00 ppm
Purity(GC)	99-100 (%)	99.89 %
Bismuth(Bi)	0-1 (ppm)	0.00 ppm
Melting point	40-45 (°C)	40.45000 °C
Appearance (C124569)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks

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**Parameter**

**Limit Values**

**Result**

Infrared spectrum

Conforms to Structure

Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager