

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-14 17:01:15

Date of Next Testing: 2026-07-13 17:01:15

Product Name: **18-Crown-6**

CAS Number: 17455-13-9

Specifications & Purity: for ion pair chromatography, ≥99%(GC)

Lot #: G2213477

SKU #: **C124569**

Version: **0**

Analysis #: **108529**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Molybdenum(Mo)	0-1 (ppm)	0.20 ppm
Chromium(Cr)	0-1 (ppm)	0.21 ppm
Zinc(Zn)	0-1 (ppm)	0.30 ppm
Ammonia (NH4)	0-50 (ppm)	23.80 ppm
Calcium(Ca)	0-5 (ppm)	0.31 ppm
Purity(Based On Trace Metals Analysis)	99.999-100 (%)	100.00 %
Nickel(Ni)	0-1 (ppm)	0.40 ppm
Aluminum(Al)	0-1 (ppm)	0.41 ppm
(Pb)Lead	0-1 (ppm)	0.50 ppm
Manganese(Mn)	0-1 (ppm)	0.51 ppm
Copper(Cu)	0-1 (ppm)	0.20 ppm
Barium(Ba)	0-1 (ppm)	0.22 ppm
Lithium(Li)	0-1 (ppm)	0.30 ppm
Cobalt(Co)	0-1 (ppm)	0.32 ppm
Magnesium(Mg)	0-1 (ppm)	0.40 ppm
Cadmium(Cd)	0-1 (ppm)	0.42 ppm
Total Metallic Impuritie	0-10 (ppm)	10.00 ppm
Potassium(K)	0-1 (ppm)	0.50 ppm
Iron(Fe)	0-1 (ppm)	0.52 ppm
Strontium(Sr)	0-1 (ppm)	0.53 ppm
Sodium(Na)	0-20 (ppm)	11.20 ppm
Bismuth(Bi)	0-1 (ppm)	0.44 ppm
Melting point	40-45 (°C)	41.11000 °C
Purity(GC)	99-100 (%)	99.02 %
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