

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-24 19:09:44

Date of Next Testing: 2026-11-23 19:09:44

Product Name: **Copper fluoroborate**

CAS Number: 38465-60-0

Specifications & Purity: 45 wt. % in water

Lot #: K2222545

SKU #: **C105404****Analysis: 129527**

Parameter	Limit Values	Result
Copper fluoroborate(as Cu ²⁺)	11-13 (%)	12.13 %
Sulfate(SO ₄ ²⁻)	0-0.03 (%)	0.01 %
Free borate (HBO ₃)	0-4 (%)	1.36 %
silica(SiO ₂)	0-0.6 (%)	0.35 %
Fluoroborate (HBF ₄)	0-2.5 (%)	1.18 %
Iron(Fe)	0-0.01 (%)	0.00 %
Appearance (C105404)	Dark blue liquid	Dark blue liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager