

Certificate of Analysis

Date of Testing: 2022-12-13 17:03:35
Date of Next Testing: 2026-12-12 17:03:35
Product Name: **Copper fluoroborate**
CAS Number: 38465-60-0
Specifications & Purity: 45 wt. % in water
Lot #: D1520005
SKU #: **C105404**
Analysis: **167453**

Parameter	Limit Values	Result
Copper fluoroborate(as Cu ²⁺)	11-13 (%)	12.43 %
Sulfate(SO ₄ ²⁻)	0-0.03 (%)	0.02 %
Free borate (HBO ₃)	0-4 (%)	2.44 %
silica(SiO ₂)	0-0.6 (%)	0.38 %
Fluoroborate (HBF ₄)	0-2.5 (%)	1.84 %
Iron(Fe)	0-0.01 (%)	0.01 %
Appearance (C105404)	Dark blue liquid	Dark blue liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager