

CERTIFICATE OF ANALYSIS

1. Basic Information

Chemical Name: LiODFB	CAS Number: 409071-16-5
Molecular Weight: 143.76	Formula: C ₂ BF ₂ LiO ₄
Batch Number: 2025011501	Manufacturing Date: Jan,15 th ,2025
Quantity: 800kg	Retest Date: Jan,14 th ,2026

2. Physical Characteristics

Items	Standard	Result
Appearance	White powder or particle solid	White particle solid
Color	≤30APHA	<10APHA
Water Content	≤500ppm	465.2ppm
Free Acid (HF)	≤200ppm	57.0ppm
Turbidity	≤10.0NTU	0.9NTU
Cl ⁻	≤5.0ppm	0.1ppm
SO ₄ ²⁻	≤50ppm	0.7ppm
Purity	≥99.80%	99.98%
Metal	Na	≤10.0ppm
	K	≤10ppm
	Ca	≤5ppm
	Fe	≤5ppm
	Cu	≤5ppm
	Zn	≤5ppm
	Pb	≤5ppm
	Cr	≤5ppm
	Ni	≤5ppm
	Al	≤5ppm
	Mg	≤5ppm
	Cd	≤5ppm
	As	≤5ppm
	Mn	≤5ppm
	Ba	≤5ppm
	Co	≤5ppm
Conclusion	Comply with the standards	

QC Manager: Liu Si

Checker: Hu Kai

Approved: Shao Jin