LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Fluoroboric Acid 48% Lab Grade
Item Number: C3946
CAS#: 16872-11-0
Grade: Lab
Lot Number: 260914-A
Manufacture Date: 07/31/2026
Retest Date : 07/30/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Assay, HBF4	48.0 - 50.0%	49.9%
H3BO3	0.5 - 2.0%	0.5%
Iron (Fe)	≤10 mg/kg	5 mg/kg
Copper (Cu)	≤1 mg/kg	<1 mg/kg
Lead (Pb)	≤1 mg/kg	<1 mg/kg
Zinc (Zn)	≤1 mg/kg	<1 mg/kg
Chloride (Cl)	≤20 mg/kg	10 mg/kg
Sulfate (SO4)	≤50 mg/kg	<50 mg/kg
Nickel (Ni)	≤2 mg/kg	1 mg/kg
Color	Clear liquid	Clear
Specific Gravity	1.340 - 1.390	1.390
Density	As Reported	~11.6 lb/gal

Store in a cool, dry, and well-ventilated environment.

Fluoroboric Acid 48% Lab Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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