

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium fluoroborate,99.99% metals basis

ITEM NUMBER: A108092  
BRAND: Aladdin  
CAS NUMBER: 13826-83-0  
MDL NUMBER: MFCD06245785  
FORMULA: H4BF4N  
MOLECULAR WEIGHT: 104.84

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	colorless to white crystal solid		
B(titration with NaOH)	9.7 %	10.8 %	10.8 %
ICP Assay	Confirms B component		
Purity(Based On Trace Metals Analysis)	99.99 %	100 %	100 %
total metallic impurities	0 ppm	200 ppm	200 ppm
X-Ray Diffraction	Conforms to Structure		