



Product Specifications

PRODUCT NAME: Ammonium Fluoride 40%
High Purity

CHEMICAL FORMULA: NH₄F

Product Code: 046600-90000
F.W.: 37.04
CAS No: 12125-01-8
Density: 1.11

ITEM	SPECIFICATIONS
Assay (Ammonium Fluoride)	39 - 41%
Manufacturer's Lot Number	Record Actual
pH (1% solution at 25C)	6.00 - 7.50
Nitrates (NO ₃)	3000 ppb max.
Color (APHA)	10 max.
Sulfate (SO ₄)	2000 ppb max.
Chloride (as Cl)	4000 ppb max.
Aluminum (Al)	100 ppb max.
Antimony (Sb)	30 ppb max.
Arsenic (As)	30 ppb max.
Arsenic (As) & Antimony (Sb)	30 ppb max.
Barium (Ba)	50 ppb max.
Beryllium (Be)	50 ppb max.
Bismuth (Bi)	50 ppb max.
Boron (B)	50 ppb max.
Cadmium (Cd)	50 ppb max.
Calcium (Ca)	50 ppb max.
Chromium (Cr)	50 ppb max.
Cobalt (Co)	50 ppb max.
Copper (Cu)	50 ppb max.
Gallium (Ga)	50 ppb max.
Germanium (Ge)	50 ppb max.
Iron (Fe)	200 ppb max.
Gold (Au)	50 ppb max.
Lead (Pb)	50 ppb max.
Lithium (Li)	50 ppb max.
Magnesium (Mg)	50 ppb max.
Manganese (Mn)	50 ppb max.
Molybdenum (Mo)	50 ppb max.
Nickel (Ni)	50 ppb max.
Potassium (K)	50 ppb max.
Silver (Ag)	50 ppb max.
Sodium (Na)	50 ppb max.
Strontium (Sr)	50 ppb max.
Tantalum (Ta)	50 ppb max.
Thallium (Tl)	50 ppb max.
Tin (Sn)	50 ppb max.
Titanium (Ti)	50 ppb max.
Vanadium (V)	50 ppb max.
Zinc (Zn)	50 ppb max.
Zirconium (Zr)	50 ppb max.

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ITEM	SPECIFICATIONS
Phosphate (PO ₄)	400 ppb max.
Expiration Date	Record Actual

Remarks:

The above are the specifications, ranges and limits set for this product.



Eddy Santiago
Quality Assurance Manager

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