

Ammonium Fluoride UP Grade (NH₄F)

Product name: Ammonium Fluoride (UP Grade)	CAS No.: 12125-01-8
Molecular formula: NH ₄ F	Molecular weight: 37.04 g/mol
UN No.: 2505	Class: 6.1
PG: III	Country of Origin: China

Quality Index of Up Grade Ammonium Fluoride

Items	Index
Ammonium fluoride content (NH ₄ F),%	40±1
Aluminum (Al),w/(μg/kg)	≤10
Silver(Ag),w/(μg/kg)	≤10
Boron (B),w/(μg/kg)	≤10
Calcium (Ca),w/(μg/kg)	≤10
Chromium (Cr),w/(μg/kg)	≤10
Copper (Cu),w/(μg/kg)	≤10
Iron (Fe),w/(μg/kg)	≤10
Lithium (Li),w/(μg/kg)	≤10
Potassium (K),w/(μg/kg)	≤10
Magnesium (Mg),w/(μg/kg)	≤10
Manganese (Mn),w/(μg/kg)	≤10
Sodium (Na),w/(μg/kg)	≤10
Nickel (Ni),w/(μg/kg)	≤10
Lead (Pb),w/(μg/kg)	≤10
Titanium (Ti),w/(μg/kg)	≤10
Zinc (Zn),w/(μg/kg)	≤10

Ammonium fluoride solution can be used as a cleaning agent, corrosive etch agent. It can be formulated with hydrofluoric acid to form a buffer solution. MOS grade is mainly used for medium and large-scale integrated circuits. BV -III grade is mainly used for IC production.

