

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium formate, ultra pure, 99.0%

ITEM NUMBER: A100188
BRAND: Aladdin
CAS NUMBER: 540-69-2
MDL NUMBER: MFCD00013103
FORMULA: CH₅NO₂
MOLECULAR WEIGHT: 63.06

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Cadmium (Cd)	0 ppm	50 ppm	50 ppm
Calcium (Ca)	0 ppm	50 ppm	50 ppm
chloride (Cl-)	0 ppm	50 ppm	50 ppm
Cobalt (Co)	0 ppm	50 ppm	50 ppm
Copper (Cu)	0 ppm	50 ppm	50 ppm
Iron(Fe)	0 ppm	50 ppm	50 ppm
K	0 ppm	200 ppm	200 ppm
Lead (Pb)	0 ppm	50 ppm	50 ppm
Melting point	119 ° C	121 ° C	121 ° C
Na	0 ppm	100 ppm	100 ppm
Nickel (Ni)	0 ppm	50 ppm	50 ppm
pH(25 ° C, 50 mg/mL in H ₂ O)	6	7	7
Purity(Neutralization titration)(calcd.on anh.substance)	99 %	100 %	100 %
sulfate (SO ₄ ²⁻)	0 ppm	100 ppm	100 ppm
Water by Karl Fischer	0 %	3 %	3 %
Zinc (Zn)	0 ppm	50 ppm	50 ppm