

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Ammonium citrate dibasic,ACS

ITEM NUMBER: A102866
BRAND: Aladdin
CAS NUMBER: 3012-65-5
MDL NUMBER: MFCD00013068
FORMULA: C₆H₁₄N₂O₇
MOLECULAR WEIGHT: 226.18

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	White Powder, Crystals and/or Chunks		
Chloride(Cl)	0 ppm	10 ppm	10 ppm
Heavy metals(as Pb)	0 ppm	5 ppm	5 ppm
Ignition residue	0 %	0.01 %	0.01 %
Infrared spectrum	Conforms to Structure		
Insoluble matter: (10% in H ₂ O)	0 %	0.005 %	0.005 %
Iron(Fe)	0 %	0.001 %	0.001 %
Oxalate(Limit Ca. 0.05%)	Passes test		
phosphate	0 ppm	5 ppm	5 ppm
Purity(Titration by NaOH)	98 %	102 %	102 %
Sulfur compounds(SO ₄)	0 %	0.005 %	0.005 %