

PRODUCT IDENTITY

PRODUCT NAME	Ammonium citrate dibasic	PRODUCT NUMBER	A102866
Grades & Purity	ACS	VERSION	3
CAS NUMBER	3012-65-5	FORMULA	C ₆ H ₁₄ N ₂ O ₇
FORMULA WEIGHT	226.18g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Sulfate(SO ₄ ²⁻)	0-0.005 (%)
Purity (Titration by NaOH)	98-102 (%)
Iron(Fe)	0-0.001 (%)
Phosphate(PO ₄)	0-5 (ppm)
Insoluble matter: (10% in H ₂ O)	0-0.005 (%)
Chloride (Cl ⁻)	0-10 (ppm)
Heavy metal (as Pb)	0-5 (ppm)
Ignition Residue	0-0.01 (%)
Appearance (A102866)	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure
Oxalate(Limit Ca. 0.05%)	Passes test