

PRODUCT IDENTITY

PRODUCT NAME	Ammonium carbonate	PRODUCT NUMBER	A110371
Grades & Purity	AR, 30% NH3 basis(T)	VERSION	3
CAS NUMBER	506-87-6	FORMULA	CH ₈ N ₂ O ₃
FORMULA WEIGHT	96.09g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Assay(NH3)	≥30 (%)
Sulfate(SO ₄ ²⁻)	0-50 (ppm)
Heavy metal (as Pb)	0-10 (ppm)
Chloride (Cl ⁻)	0-20 (ppm)
Ignition Residue	0-0.01 (%)
Iron(Fe)	0-10 (ppm)
Appearance (A110371)	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , Colorless and clear (0.1g/ml)	pass
X-Ray Diffraction	Conforms to Structure