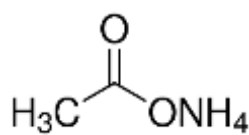


AMMONIUM ACETATE FOR MOLECULAR BIOLOGY

PRODUCT CODE	913150	
SYNONYMS	---	
C.I. NO.	---	
CASR NO.	(631-61-8)	
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₇ NO ₂	
ATOMIC OR MOLECULAR WEIGHT	77.08	
PROPERTIES	Hygroscopic. Melting point -114°C. Combustible.	
PARAMETER	LIMIT	
Description	Colourless hygroscopic crystals with a faint odour.	
Solubility	10% solution in water is clear and colourless.	
Minimum assay (Acidimetric, exNH ₃ , dried calc. on dry subs.)	99.0%	
pH (of 5% soln. in water, at 25°C)	6.5 – 7.5	
Absorbance of (1 M solution in water)		
λ max 260 nm	0.015	
λ max 280 nm	0.01	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.005%	
Residue on ignition(as SO ₄)	0.01%	
Chloride (Cl)	0.0005%	
Nitrate (NO ₃)	0.001%	
Sulphate (SO ₄)	0.001%	
Iron (Fe)	0.0002%	
Lead (Pb)	0.0005%	
Dnases, Rnases, Phosphatases, proteases	None detected.	
Note(s) : Assay (if applicable) method mentioned.		IMDG Code : -- UN No. : -- IATA : --
WARNING		
Hazard statements :Not hazardous. No hazards.		
Precautionary statements		
Prevention: ----- Response: ---		
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :		

Replace date 03-Dec-2025