

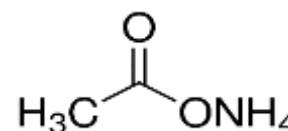


Product Specification

cdhfinechemical.com

AMMONIUM ACETATE FOR ULC-MS HYGROSCOPIC

PRODUCT CODE	703890
SYNONYMS	--
C.I. NO.	--
CASR NO.	(631-61-8)
ATOMIC OR MOLECULAR FORMULA	CH₃COONH₄
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, ex NH ₃ , cal. on dry sub.)	99.0-101%
pH of (10% solution in water at 20°C)	6.5 – 7.5
Filter test	Passes test
UV Transmittance (1M in water) at	
260 nm	Min 96.0%
280 nm	Min 98.0%
LC-Gradient elution test Highest peak at 254 nm	0.002 AU
Drift at 254 nm	0.010 AU

MAXIMUM LIMIT OF IMPURITIES

Residue on ignition (as sulphate)	0.01%
Water (KF)	1.0%
Aluminium (Al)	0.0001%
Chloride (Cl)	0.0005%
Sulphate (SO ₄)	0.001%
Calcium (Ca)	0.0005%
Iron (Fe)	0.0001%
Heavy metals (as Pb)	0.0005%
Magnesium (Mg)	0.0001%
Potassium (K)	0.0005%
Sodium (Na)	0.0005%

Note(s): Assay (if applicable) method mentioned.

DANGER

Hazard statements:

Precautionary statements

Prevention:

Response:

Disposal:---

Hazard Pictogram(s) :--

IMDG Code :

UN No. :

IATA :

Replace Date 22-Feb-2024