



Product Specification

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AMMONIUM CHLORIDE 5M ULTRAPURE SOLUTION FOR MOLECULAR BIOLOGY

PRODUCT CODE	805135
SYNONYMS	--
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--
PARAMETER	LIMIT
Description	Clear colourless solution
Solubility	Miscible with water
Assay	~5M in H ₂ O
pH at 25°C	4.0 – 5.0
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	Passes filter test
Phosphate (PO ₄)	0.0002%
Nitrate (NO ₃)	0.0005%
Sulphate (SO ₄)	0.0005%
Aluminium (Al)	0.0001%
Arsenic (As)	0.00001%
Barium (Ba)	0.0001%
Bismuth (Bi)	0.0001%
Calcium (Ca)	0.0005%
Cadmium (Cd)	0.0001%
Cobalt (Co)	0.0001%
Chromium (Cr)	0.0001%
Copper (Cu)	0.0001%
Iron (Fe)	0.0001%
Potassium (K)	0.002%
Lithium (Li)	0.0001%
Magnesium (Mg)	0.0001%
Manganese (Mn)	0.0001%
Molybdenum (Mo)	0.0001%
Sodium (Na)	0.002%
Nickel (Ni)	0.0001%
Lead (Pb)	0.0001%
Strontium (Sr)	0.0001%
Zinc (Zn)	0.0001%



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UV absorbance (neat)	
At 260 nm	0.04
At 280 nm	0.02
DNases, RNases, phosphatases & proteases	None detected

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

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

IMDG Code : --

UN No. : --

IATA : --

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07

Replace date 07-Nov-2024