



Product Specification

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AMMONIUM IODIDE AR/ACS

PRODUCT CODE	457320	
SYNONYMS	—	
C.I. NO.	—	
CASR NO.	12027-06-4	
ATOMIC OR MOLECULAR FORMULA	NH₄I	NH₄I
ATOMIC OR MOLECULAR WEIGHT	144.94	
PROPERTIES	Melting point sublimes with decomposition. Affected by light, may turn yellow on storage.	

PARAMETER	LIMIT
Description	White to pale yellow crystalline powder.
Solubility	Soluble in water.
Minimum assay (Redox titration of Iodide)	99.0%
pH of (5% soln. in water)	4.5-6.5

MAXIMUM LIMIT OF IMPURITIES	
Residue on ignition (as Sulphate)	0.05%
Insoluble matter	0.005%
Chloride & Bromide (as Cl)	0.005%
Phosphate (PO ₄)	0.001%
Sulphate (SO ₄)	0.05%
Barium (Ba)	0.002%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.001%

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

WARNING	IMDG Code : -- UN No. : -- IATA : --
Hazard statements: Not hazardous. No hazards.	
Precautionary statements	
Prevention: ----- Response: -----	

Disposal: -----
Hazard Pictogram(s) : -----

Replace Date 20-Sep.-2018