



Product Specification

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AMMONIUM BROMIDE AR/ACS

PRODUCT CODE	456435
SYNONYMS	—
C.I. NO.	—
CASR NO.	12124-97-9
ATOMIC OR MOLECULAR FORMULA	NH ₄ Br
ATOMIC OR MOLECULAR WEIGHT	97.94
PROPERTIES	Somewhat hygroscopic, mp sublimes. Noncombustible
	NH ₃ • HBr
PARAMETER	LIMIT
Description	White/almost white or colourless crystalline powder.
Solubility	5% Solution in water is almost clear.
Identification	Passes test
Minimum Assay (Argentometric; on dried substance)	99.5%
pH(of 5% Soln.in water, at 25°C)	4.5 – 6.0
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying(at 105°C)	0.5%
Residue on ignition (as sulphate)	0.01%
Water insoluble matter	0.005%
Acidity or alkalinity	Passes test
Bromate (BrO ₃)	0.002%
Chloride (Cl)	0.2%
Sulphate (SO ₄)	0.005%
Barium (Ba)	0.002%
Iodide (I)	0.005%
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Substances reacting acid	Passes test
Substances reducing iodine	0.25 mole/kg
Substances reducing KMnO ₄	Passes test
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.	



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Hazard Pictogram(s) :



GHS07

Replace Date 08-Jan-2026