



## Specification

### Ammonium Bromide ACS

**Catalog Number:** AB1018  
**CAS Number:** 12124-97-9  
**Synonym(s):** Hydrobromic Acid Monoammoniate  
**Molecular Formula:** NH<sub>4</sub>Br  
**Molecular Weight:** 97.95

Test	Specification
Description:	White Crystalline Powder or Pellets
Assay:	99.0% minimum
pH of a 5% solution at 25 °C:	4.5-6.0
Insoluble matter	0.005% maximum
Residue after ignition	0.01% maximum
Bromate (BrO <sub>3</sub> )	0.002% maximum
Chloride (Cl)	0.2% maximum
Iodide (I)	To Pass Test
Sulfate (SO <sub>4</sub> )	0.005% maximum
Barium (Ba)	0.002% maximum
Heavy Metals (as Pb)	5 ppm maximum
Iron (Fe)	5 ppm maximum

Approved:

Date: April 14, 2020

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