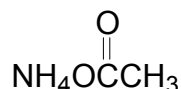


Ammonium Acetate, Multiple Grades

Technical Data Sheet



Product Identification	Synonyms	Acetic Acid, Ammonium Salt		
	CAS No.	631-61-8		
	EINECS/ELINCS	211-162-9		
	Molecular Formula	C ₂ H ₇ NO ₂		
	Molecular Weight	77.08		
	Description	Ammonium Acetate is manufactured to three grade specifications: ACS, purified, and technical.		
Specifications		Crystal-ACS	Crystal-Purified	Solution-Technical
	Assay	97.0 % min	97.0 % min	65±2 %
	Insoluble Matter	0.005 % max	0.01 % max	0.01 % max
	Residue After Ignition	0.01 % max	0.05 % max	0.1 % max
	pH of a 5% solution @25°C	6.7-7.3	6-7 – 7.5	6.9-7.1
	Chloride	5 ppm max	0.005 % max	-----
	Sulfate	0.001 % max	0.005 % max	-----
	Heavy Metals (as Pb)	5 ppm max	0.005 % max	0.005% max
	Iron	5 ppm max	0.005 % max	0.005% max
	Nitrate	0.001% max	0.005% max	0.005 % max
Physical Properties		Crystal	Liquid	
	Appearance	White deliquescent crystal	Colorless liquid	
	Melting Point	114°C	-----	
	Boiling Point	Decomposes	232.0°F (111.1°C)	
	Specific gravity (Relative to Water)	1.17@20°C	1.1@68°F	
	Solubility in water	148 g/100 ml @ 4°C	-----	
Packaging	Crystal ACS and purified grades are available as 110 pound poly-lined fiber drums. The technical-solution is available in 55 gallon steel drums.			
Applications	<p>Pharmaceutical Applications: Ammonium Acetate is used as a basic starting raw material and reactant in agricultural pesticides, herbicides, non-steroidal anti-inflammatory drugs (NSAIDs), and other specific pharmaceuticals where a two-carbon group for synthesis is desired.</p> <p>Specialty Fine/Chemical Applications: Ammonium Acetate is used as an acidifier in textile dyes and hair dyes. The material is also used as a buffer in topical personal care and cosmetic products such as shampoos, conditioners, skin lotions, etc.</p>			

For toxicity or regulatory information please consult the Material Safety Data Sheet.

Information contained in this technical data sheet is believed to be accurate. Vertellus Health & Specialty Products LLC assumes no liability and makes no warranty or representation that the information is correct or complete and EXPRESSLY DISCLAIMS ALL REPRESENTATIONS OR WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Final determination of suitability of any material and issues of patent infringement is the sole responsibility of the user who alone knows the conditions of intended use. Our customers should ensure that any product incorporating a Vertellus ingredient is safe for its intended use pursuant to applicable law and that any necessary disclosures to consumers have been made.

Vertellus Health & Specialty Products LLC, 300 North Meridian Street, Suite 1500, Indianapolis IN, USA 46204

Web: www.vertellus.com