



## ALUMINIUM AMMONIUM SULPHATE AR/ACS

<b>PRODUCT CODE</b>	<b>R05983</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(7784-26-1)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	$\text{AlNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	453.32	
<b>PROPERTIES</b>	Insoluble in alcohol. Loses water at 120°C.	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Colourless crystals or a crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum assay(Complexometric; ex Al)	99.5%	
pH (of 5% solution in water)	Not less than 3	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Insoluble matter	0.005%	
Chloride (Cl)	0.002%	
Nitrate (NO <sub>3</sub> )	0.001%	
Phosphate (PO <sub>4</sub> )	0.0025%	
Silicate (SiO <sub>2</sub> )	0.002%	
Arsenic (As)	0.00005%	
Iron (Fe)	0.0005%	
Lead (Pb)	0.0005%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b>		IMDG Code : --
<b>Hazard statements:</b> Not hazardous. No hazards.		UN No. : --
<b>Precautionary statements</b>		IATA : --
<b>Prevention:</b> -----		
<b>Response:</b> -----		
<b>Disposal:</b> -----		
<b>Hazard Pictogram(s) :-----</b>	<p>GHS05      GHS07</p>	

Replace Date 1 April 2023