



# Product Specification

cdhfinechemical.com

## AMMONIUM SULPHATE ENZYME GRADE LOW HEAVY METALS CONTENT

<b>PRODUCT CODE</b>	<b>009940</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>7783-20-2</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>H<sub>8</sub>N<sub>2</sub>SO<sub>4</sub></b>	$\begin{array}{c} \text{NH}_4^+ \text{O} \\   \\ \text{O} - \text{S} - \text{O}^- \\    \\ \text{O} \end{array} \text{NH}_4^+$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>132.13</b>	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Colourless crystals / white crystalline powder.	
Solubility	10% Solution in water is clear and colourless.	
Minimum assay	99.5%	
pH (5% aqueous solution)	5.0-6.0	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying	0.2%	
Sulphated ash	0.01%	
Insoluble matter (in H <sub>2</sub> O)	0.001%	
Chloride (Cl)	0.0005%	
Iron (Fe)	0.0001%	
Heavy metals (Pb)	0.0001%	
Arsenic (As)	0.00002%	
Absorbance 1M aq. Soln. 260 nm	0.027	
Absorbance 1M aq. Soln. 280 nm	0.022	
<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> -----		

Replace date 24-Feb-2024