

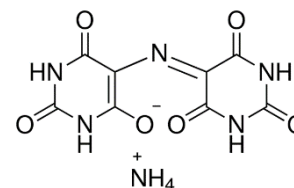


# Product Specification

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## AMMONIUM PURPURATE AR/ACS

<b>PRODUCT CODE</b>	<b>282345</b>
<b>SYNONYMS</b>	<b>Murexide</b>
<b>C.I. NO.</b>	<b>56085</b>
<b>CASR NO.</b>	<b>(3051-09-0)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>8</sub>H<sub>8</sub>N<sub>6</sub>O<sub>6</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>284.19</b>
<b>PROPERTIES</b>	<b>Sparingly soluble in cold water, more in hot water. Practically insoluble in alcohol, ether.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	Purple red crystalline powder
Solubility	Sparingly soluble in hot water.
Absorption maximum (in water)	519 to 522
Absorptivity (A 1% /1cm at λ <sub>max</sub> in water.)	Min. 375
Sensitivity	To pass the test.
Suitability as a Complexometric indicator	Passes test.
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Ignition Residue	0.2%
Loss on drying (at 105°C)	2.0%
<b>Note(s) : Assay (if applicable) method mentioned.</b>	
<b>WARNING</b> <b>Hazard statements:</b> Not hazardous. No hazards. <b>Precautionary statements</b> <b>Prevention:</b> ----- <b>Response:</b>	IMDG Code : UN No. : IATA :
<b>Disposal:</b> The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	
<b>Hazard Pictogram(s) :</b>	



Replace date 17-June-2023