

ISO 9001:2008 Co.



# Rehsiff Scientific®

Manufacture & Importer of  
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

## CINNAMIC ACID AR

<b>PRODUCT CODE</b>	<b>R04525</b>
<b>SYNONYMS</b>	<b>(3-Phenylacrylic acid)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(140-10-3)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>9</sub>H<sub>8</sub>O<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>148.16</b>
<b>PROPERTIES</b>	<b>Soluble in benzene, ether, acetone, glacial acetic acid, Insoluble in water. Congealing point 133°C. Combustible.</b>
<b>PARAMETER</b>	<b>LIMIT</b>
Description	White or colourless crystals / crystalline powder.
Solubility	10% solution in methanol is clear and colourless.
Identification	Passes test.
Minimum Assay (HPLC/T)	99.0%
Melting range	132 – 134°C
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
Sulphated ash	0.02%
Loss on drying (at 60°C, 70 kpa)	1.0%
Ethanol insoluble matter	Passes test.
Chloride (Cl)	0.02%
Sulphate (SO <sub>4</sub> )	0.05%
Lead (Pb)	0.0005%
Related substance	Passes test.
<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> ----- <b>Disposal:</b> -----	IMDG Code : UN No. : IATA :
<b>Hazard Pictogram(s) :-----</b>	 GHS05      GHS07

Replace Date 1 April 2023

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