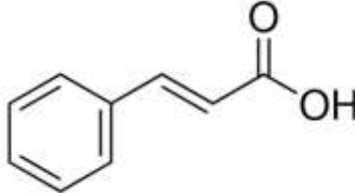


CINNAMIC ACID AR

PRODUCT CODE	496370	
SYNONYMS	(3-Phenylacrylic acid)	
C.I. NO.	--	
CASR NO.	(140-10-3)	
ATOMIC OR MOLECULAR FORMULA	C₉H₈O₂	
ATOMIC OR MOLECULAR WEIGHT	148.16	
PROPERTIES	Soluble in benzene, ether, acetone, glacial acetic acid, Insoluble in water. Congealing point 133°C. Combustible.	
PARAMETER	LIMIT	
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	
MAXIMUM LIMIT OF IMPURITIES		
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 ₄)	0.05%	
Lead (Pb)	0.0005%	
Related substance	Passes test.	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :
Hazard statements: Not hazardous. No hazards.		UN No. :
Precautionary statements		IATA :
Prevention: -----		
Response: -----		
Disposal: -----		
Hazard Pictogram(s) : -----		

Replace Date- 24-May-2022