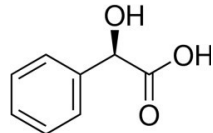



## D (-) MANDELIC ACID

<b>PRODUCT CODE</b>	<b>R09460</b>	
<b>SYNONYMS</b>	(R) (-) Mandelic acid	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(611-71-2)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	$C_8H_8O_3$	
<b>ATOMIC OR MOLECULAR WEIGHT</b>	152.15	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	White crystalline powder.	
Solubility	5.0% solution in water is clear & colourless	
Minimum assay (Acidimetric)	98.0%	
Specific Rotation Na [ $\alpha$ ] <sub>D</sub> <sup>30</sup> (c=2% in water)	NLT(-)148.5°	
Melting Range	131-134°C	
<b>MAXIMUM LIMIT OF IMPURITY</b>		
Water (KF)	0.5 %	
<b>Note(s): Assay (if applicable) method mentioned.</b>		
<p><b>DANGER</b>  <b>Hazard statements :</b> May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation.  <b>Precautionary statements</b>  <b>Prevention:</b> Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas /mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.  <b>Response:</b> Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse</p>		<p>IMDG Code :  UN No. :  IATA : </p>
<p><b>Disposal:</b> Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.</p>		
Hazard Pictogram(s) :-		
 <p>GHS05      GHS07</p>		

Replace Date 1 April 2023

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