

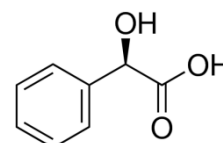


# Product Specification

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## D (-) MANDELIC ACID

PRODUCT CODE	146755
SYNONYMS	(R) (-) Mandelic acid
C.I. NO.	--
CASR NO.	(611-71-2)
ATOMIC OR MOLECULAR FORMULA	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>
ATOMIC OR MOLECULAR WEIGHT	152.15
PROPERTIES	--



PARAMETER	LIMIT
Description	White crystalline powder.
Solubility	5.0% solution in water is clear & colourless
Minimum assay (Acidimetric)	98.0%
Specific Rotation Na [α] <sub>D</sub> <sup>30</sup> (c=2% in water)	NLT(-)148.5°
Melting Range	131-134°C

### MAXIMUM LIMIT OF IMPURITY

Water (KF)	0.5 %
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**Note(s):** Assay (if applicable) method mentioned.

### DANGER

**Hazard statements :** May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation.

### Precautionary statements

**Prevention:** 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.

**Response:** 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

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-



GHS06

IMDG Code :  
UN No. :  
IATA :