

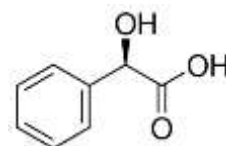


Product Specification

cdhfinechemical.com

D (-) MANDELIC ACID

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



PARAMETER	LIMIT
Description	White to off white crystalline powder.
Solubility	5.0% solution in water is almost transparency.
Minimum assay (Acidimetric)	98.0%
Specific Rotation Na [α] ³⁰ _D (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.

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :-



GHS06

Replace date 13-Oct-2025