

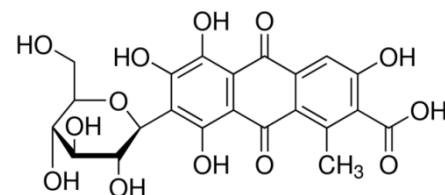


Product Specification

cdhfinechemical.com

CARMINIC ACID AR (M.S.)

PRODUCT CODE	289055
SYNONYMS	Natural red 4
C.I. NO.	75470
CASR NO.	(1260-17-9)
ATOMIC OR MOLECULAR FORMULA	C₂₂H₂₀O₁₃
ATOMIC OR MOLECULAR WEIGHT	492.4
PROPERTIES	--



PARAMETER LIMIT

Description	Dark red powder.
Solubility (C=1%;1 N Acetic Acid)	1% solution in 1N acetic acid is clear to slightly hazy dark red solution.
Minimum assay (Spectro photometric; Cal. On dried sub.)	95.00%
Absorption Maximum (buffer pH 3.0)	490-493 nm
Specific Absorptivity (1% 1 cm 0.005% in pH 3.0)	177-187
Suitability for microscopy	Passes test

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	10.0%
---------------------------	-------

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code	: --
UN No.	: --
IATA	: --

Replace Date 17-June-2023