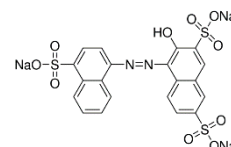


AMARANTH FOR MOLECULAR BIOLOGY

PRODUCT CODE	911400
SYNONYMS	Azorubin S; Acid Red 27
C.I. NO.	--
CASR NO.	915-67-3
ATOMIC OR MOLECULAR FORMULA	C₂₀H₁₁N₂Na₃O₁₀S₃
ATOMIC OR MOLECULAR WEIGHT	604.47
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
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Description	Reddish brown to dark brown crystals or powder .
Solubility	20 ppm in water yields clear red to red-brown solution.
Nitrogen (N, on dry basis)	3.9 - 4.6%
Dye content (on dry basis)	About 90%

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C, 2 hrs.)	9.4%
DNase, RNase	None detected.

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

WARNING

Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

MDG Code : --

UN No. : --

IATA :--

Hazard Pictogram(s) :



GHS07