

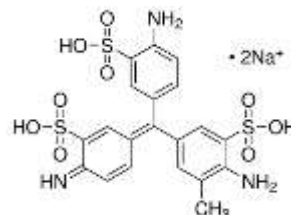


Product Specification

cdhfinechemical.com

FUCHSIN ACID FOR MICROSCOPY

PRODUCT CODE	297225
SYNONYMS	(Acid fuchsin)
C.I. NO.	42685
CASR NO.	(3244-88-0)
ATOMIC OR MOLECULARFORMULA	$C_{20}H_{17}N_3O_9Na_2S_3$
ATOMIC OR MOLECULARWEIGHT	585.55
PROPERTIES	---



PARAMETER	LIMIT
Dye Content (Titanometry; on dried substance).	> 60.0%
Absorption Maximum (in water + 2.5 ml 0.1 N HCl)	540 - 549 nm.
Absorption Ratio (A λ max - 15 nm) / (A λ max + 15 nm)	1.10 - 1.26
Absorptivity (A1%/1 cm at λ max in water + 2.5 ml of 0.1 N HCl)	780 - 1310
Suitability for microscopy	To pass the test.
TLC Test	To pass the 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 : ----

Disposal:-----

Hazard Pictogram(s) :

IMDG Code :

UN No. :

IATA :

Replace date 30-May-2023