



Macsen Laboratories

Manufacturer of Fine Chemicals & Pharmaceuticals

PRODUCT SPECIFICATION SHEET

DISODIUM EOSIN FRP X (Eosinum Natricum)

Name of Product	DISODIUM EOSIN FRP X (Eosinum Natricum)
SYNONYMS	EOSINE YS, EOSINE YELLOWISH, EOSINE Y
C.I. NO.	45380
C.I Name	D& C RED NO 22
CAS No.	17372-87-1
CHEMICAL NAME	DISODIUM SALT OF TETRA BROMOFLUORESCEIN.
FORMULA	C20 H6 BR4 NA2 O5
SPECIFICATION	PRODUCT PASSES SPECIFICATIONS IN FRENCH PHARMACOPOEIA X EDITION
SPECIFICATIONS AS UNDER	
DESCRIPTION	A reddish brown crystalline powder, hygroscopic.
IDENTIFICATION TEST	Passes test A,B,C,D,E, as per Fr. Pharmacopoeia
SOLUBILITY	Sparingly soluble in water, slightly soluble in alcohol.
ETHER SOLUBLE MATTER	NOT MORE THAN 0.5%
WATER INSOLUBLE MATTER	NOT MORE THAN 0.2%
SULPHATED ASH	21% TO 21.5 % (Limit Min. 20.5 % TO MAXIMUM 23.0%)
WATER (MOISTURE)	3.0% TO 5.0% (limit 10.0% max.)
CHLORIDES	PASSES TEST
CHROMATOGRAPHIC PURITY (related matter test)	PASSES TEST
ASSAY (CONTENT OF TOTAL DYE) ON ANHYDROUS BASIS	90.0% TO 92.0% (LIMIT - Min 87 % TO 93.6%) (by French pharmacopoeia method)
Purity By HPLC analysis	Min. 98%
PACKING & STORAGE	PACKED IN WELL CLOSED CONTAINERS