



Macsen Laboratories

Manufacturer of Fine Chemicals & Pharmaceuticals

PRODUCT SPECIFICATION SHEET

ACRIFLAVINE NEUTRAL N.F X

Name of Product	ACRIFLAVINE NEUTRAL N.F X
SYNONYMS	Neutral Acriflavine; Neutroflavin
CAS No.	8048-52-0
CHEMICAL NAME	Acriflavine is a mixture of the hydrochlorides of 3,6-10-methyl Acridinium chloride (C₁₄ H₁₄ CL N₃=259.7) AND 3,6-Diaminoacridine (C₁₃H₁₁N₃=209.3) containing approximately Two third of the quaternary salt.
SPECIFICATION	PRODUCT PASSES AS PER N.F X
SPECIFICATIONS AS UNDER	
DESCRIPTION	REDDISH BROWN,ODOURLESS, GRANNULAR POWDER
IDENTIFICATION TEST	COMPLIES TEST 1 TO 3 AS PER N.F. X
SOLUBILITY	COMPLIES N.F TEST
RESIDUE ON IGNITION	NOT MORE THAN 35 Mg. FROM 1Gm. OF ACRIFLAVINE IGNITED WITH 1 ml. OF SULPHURIC ACID.
LOSS ON DRYING	NOT MORE THEN 8 PERCENT, WHEN DRIED FOR TWO HOURS AT 105 C.
WATER INSOLUBLE MATTER TEST	NOT MORE THEN 0.5 PERCENT
ARSENIC	NOT MORE THEN 10 PPM
ASSAY FOR CHLORINE CONTENT	BETWEEN 13.3 TO 15.8 PERCENT
ACTION & USES	ANTIBACTERIAL
PACKING & STORAGE	PACKED IN WELL CLOSED CONTAINERS