



Macsen Laboratories

Manufacturer of Fine Chemicals & Pharmaceuticals

PRODUCT SPECIFICATION SHEET

ACRIFLAVINE NEUTRAL B.P.C 49

Name of Product	ACRIFLAVINE NEUTRAL B.P.C 49
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 (C ₁₄ H ₁₄ Cl N ₃ =259.7) AND 3,6-Diaminoacridine (C ₁₃ H ₁₁ N ₃ =209.3) containing approximately Two third of the quaternary salt.
SPECIFICATION	PRODUCT PASSES AS PER B.P.C 49
SPECIFICATIONS AS UNDER	
DESCRIPTION	BROWNISH RED TO RED POWDER
IDENTIFICATION TEST	COMPLIES TEST AS PER B.P.C 49
SOLUBILITY	COMPLIES B.P.C TEST
SULPHATED ASH TEST	NOT MORE THAN 1.0%
LOSS ON DRYING	NOT MORE THEN 5 PERCENT, WHEN DRIED FOR TWO HOURS AT 105 C.
WATER INSOLUBLE MATTER TEST	NOT MORE THEN 0.5 PERCENT
ASSAY (WITH REF. TO DRIED SUBS AS % OF C₁₄ H₁₄ N₃ Cl)	MINIMUM 95 %
ACTION & USES	ANTIBACTERIAL
PACKING & STORAGE	PACKED IN WELL CLOSED CONTAINERS