



Macsen Laboratories

Manufacturer of Fine Chemicals & Pharmaceuticals

PRODUCT SPECIFICATION SHEET

PROFLAVINE HEMISULPHATE BP 68 / IP 66

Name of Product	PROFLAVINE HEMISULPHATE BP 68
SYNONYMS	3,6-Acridinediamine sulphate, 3,6-Diaminoacridine bisulphate, 3,6-Diaminoacridine sulphate, Neutral proflavine sulphate
CAS No.	1811-28-5
CHEMICAL NAME	3,6-DIAMINOACRIDINE HEMISULPHATE
FORMULA	(C₁₃H₁₁N₃)₂. H₂SO₄. 2H₂O
SPECIFICATION	PRODUCT PASSES BP 68 SPECIFICATIONS
SPECIFICATIONS AS UNDER	
DESCRIPTION	An ORANGE TO RED CRYSTALLINE POWDER. ODOURLESS ,TASTE BITTER, HYGROSCOPIC
IDENTIFICATION TEST	COMPLIES IDENTIFICATION TEST A,B,C,D,E, AS PER BP 68
SOLUBILITY	SOLUBLE AT 20C IN 300 PARTS WATER, AND 35 PARTS GLYCEROL; VERY SOLUBLE IN ALCOHOL (95 percent); INSOLUBLE IN CHLOROFORM AND IN SOLVENT ETHER .
WATER (MOISTURE)	3.0 to 7.0 per cent w/w MAXIMUM
ACIDITY OR ALKALINITY	pH OF SATURATED SOLUTION 6.0 TO 8.0.
CERTAIN OTHER ACRIDINE DERIVATIVE TEST	COMPLIES BP 68 TEST
SULPHATED ASH	NOT MORE THAN 0.5 percent.
ASSAY: CONTENT OF TOTAL ACRIDINE ON DRY BASIS AS % OF (C₁₃H₁₁N₃)₂.H₂SO₄	NOT LESS THAN 98.0 PERCENT
PACKING & STORAGE	PACKED IN WELL CLOSED CONTAINERS
ACTION & USES	ANTIBACTERIAL