



# Macsen Laboratories

Manufacturer of Fine Chemicals & Pharmaceuticals

## PRODUCT SPECIFICATION SHEET

### ACRIFLAVINE HYDROCHLORIDE B.P.C 63

<b>Name of Product</b>	<b>ACRIFLAVINE HYDROCHLORIDE B.P.C 1963</b>
<b>C.I No.</b>	<b>4600</b>
<b>CAS No.</b>	<b>8063-24-9</b>
<b>CHEMICAL NAME</b>	Acriflavine is a mixture of the hydrochlorides of 3,6-10-methyl Acridinium chloride (C <sub>14</sub> H <sub>14</sub> CL N <sub>3</sub> =259.7) AND 3,6-Diaminoacridine (C <sub>13</sub> H <sub>11</sub> N <sub>3</sub> =209.3) containing approximately Two third of the quaternary salt.
<b>SPECIFICATION</b>	<b>PRODUCT PASSES AS PER B.P.C 63</b>
<b>SPECIFICATIONS AS UNDER</b>	
<b>DESCRIPTION</b>	<b>AN ORANGE RED TO RED CRYSTALLINE POWDER; ODOURLESS; TASTE ACID.</b>
<b>IDENTIFICATION TEST</b>	<b>COMPLIES IDENTIFICATION TESTS 1 TO 4 AS PER BPC 63</b>
<b>SOLUBILITY</b>	<b>COMPLIES BPC 63</b>
<b>RESIDUE ON IGNITION</b>	<b>0.3% TO 0.5% (B.P.C LIMIT 1.0% MAX.)</b>
<b>CERTAIN OTHER ACRIDINE DERIV. TEST</b>	<b>PASSES B.P.C TEST</b>
<b>WATER ( MOISTURE)</b>	<b>3.0% TO 5.0% ( Limit 6.5% max)</b>
<b>WATER INSOLUBLE MATTER TEST</b>	<b>PASSES B.P.C TEST</b>
<b>CONTENT OF TOTAL ACRIDINE ON DRY BASIS</b>	<b>99.0% TO 101.5% (Limit min 98.5% to 105.0%)</b>
<b>ACTION &amp; USES</b>	<b>ANTISEPTIC</b>
<b>PACKING &amp; STORAGE</b>	<b>PACKED IN WELL CLOSED CONTAINERS</b>