

## 646 – ACRIFLAVINE HYDROCHLORIDE

<b>REF NO:</b> TBL/QA/SS/LC/646	<b>STANDARD SPECIFICATION FOR ACRIFLAVINE HYDROCHLORIDE</b>	<b>Rev. No:</b> 03
<b>Issue No:</b> 04		<b>Review Date:</b> 28/10/2024
<b>Issue Date:</b> 29/10/2021		<b>Product code:</b> 646

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	8063-24-9
<b>Chemical Formula</b>	C <sub>14</sub> H <sub>13</sub> N <sub>3</sub> .HCl
<b>Formula weight</b>	259.73
<b>Functional Uses</b>	In living mice, acriflavine hydrochloride has been used in the confocal laser endomicroscopy to check the crypt structure in mucosa. It has also been used in Neurospora strain selection by checking the acriflavine resistance.
<b>Standard Packaging</b>	5 gm. & 25 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Faint Brown to Brown and Orange to Dark Orange and Red to Very Dark Red
Solubility	Clear

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Water (by Karl Fischer)	< 13 %

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

