

## 1610 – ACRIDINE ORANGE

|                           |                                               |                         |
|---------------------------|-----------------------------------------------|-------------------------|
| REF NO: TBL/QA/SS/LC/1610 | STANDARD SPECIFICATION<br>FOR ACRIDINE ORANGE | Rev. No: 03             |
| Issue No: 04              |                                               | Review Date: 28/10/2024 |
| Issue Date: 29/10/2021    |                                               | Product code: 1610      |

### PRODUCT PROPERTIES

|                    |                                                                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| C.A.S Number       | 65-61-2                                                                                                                                             |
| Chemical Formula   | C <sub>17</sub> H <sub>20</sub> ClN <sub>3</sub>                                                                                                    |
| Formula weight     | 301.81                                                                                                                                              |
| Functional Uses    | Fluorescent stain for nucleic acids in agarose and polyacrylamide gels. Has been used to study apoptosis in various cell culture and tissue models. |
| Standard Packaging | 10 gm., & 25 gm.                                                                                                                                    |

### PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION               |
|-------------------|-----------------------------|
| Appearance        | Dark orange to brown Powder |

### CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|---------------|
| Absorption        | 491 – 495nm   |
| Assay             | NLT- 98.0%    |

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

