

1695 – ACRIFLAVINE (EUFLAVINE)

REF NO: TBL/QA/SS/LC/1695	STANDARD SPECIFICATION FOR ACRIFLAVINE (EUFLAVINE)	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
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PRODUCT PROPERTIES

C.A.S Number	8048-52-0
Chemical Formula	C ₁₄ H ₁₄ ClN ₃
Formula weight	259.73
Functional Uses	Acriflavine is used to fluorescently label high molecular weight RNA molecules and used as an inhibitor of HIF-ARNT (hypoxia-inducible factor - aryl hydrocarbon receptor nuclear translocator) complex formation.
Standard Packaging	5 gm. & 25 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	An Orange-red to red crystalline powder.
Solubility	Soluble in water, alcohol.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Dye content (On dried substance)	98.5 – 105.0%

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

