

## 1640 – FUCHSIN ACID (ACID FUCHSIN)

REF NO: TBL/QA/SS/LC/1640	STANDARD SPECIFICATION FOR FUCHSIN ACID (ACID FUCHSIN)	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product code: 1640

### PRODUCT PROPERTIES

C.A.S Number	3244-88-0
Chemical Formula	C <sub>20</sub> H <sub>17</sub> N <sub>3</sub> Na <sub>2</sub> O <sub>9</sub> S <sub>3</sub>
Formula weight	585.55
Functional Uses	Acid fuchsin use to stain cytoplasm and nuclei of tissue sections in the histology laboratory in order to distinguish muscle from collagen. The muscle stains red with the acid fuchsin, and the collagen is stained green or blue with light green sf yellowish or methyl blue.
Standard Packaging	25gm,100 gm .

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Dark black color powder.
Solubility	Soluble in water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Absorption Maximum	540 – 546 nm
Loss on Drying (at 135°C)	NMT – 10.0%
Dye content	NLT – 65.0%

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

