

## 1617 – ANILINE BLUE (SPIRIT SOLUBLE)

Ref No: TBL/QA/SS/LC/1617	STANDARD SPECIFICATION FOR ANILINE BLUE (SPIRIT SOLUBLE)	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 1617

### PRODUCT PROPERTIES

C.A.S Number	28631-66-5
Chemical Formula	$C_{32}H_{25}N_3O_9Na_2S_3$
Formula weight	737.73
Functional Uses	Aniline blue is used to stain collagen fibers in tissue sections using the Masson's trichrome protocol for staining multiple components. Collagen is stained blue by this method. It has also been used to stain and visualize glycosylated proteins.
Standard Packaging	25 gm, 100 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Reddish – Purple to Black crystal / powder.
Solubility	Soluble in ethanol

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
$\lambda$ max (in water)	591 – 595 nm
Loss on drying (at 110°C, 1hrs.)	NMT –7.0%

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

