

## 1697– AZUR II (AZUR I AND METHYLENE BLUE)

Ref No: TBL/QA/SS/LC/1697	<b>STANDARD SPECIFICATION FOR AZUR II (AZUR I and METHYLENE BLUE)</b>	Rev. No: 03
Issue No: 04		Review Date: 02/11/2024
Issue Date: 03/11/2021		Product code: 1697

### PRODUCT PROPERTIES

C.A.S Number	37247-10-2
Chemical Formula	C <sub>40</sub> H <sub>52</sub> Cl <sub>2</sub> N <sub>6</sub> S <sub>2</sub>
Formula weight	751.94
Functional Uses	Azure II has been used in the Richardson's stock solution for the staining of lysosomal glycogen. It has also been used in the periodic acid schiff staining procedure for the staining of glycogen, nuclei and cytoplasm.
Standard Packaging	25gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Greenish black powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss On Drying	NMT – 12.0%
Assay (by Spectrophotometer) ( 5 mg/ ltr. in water)	NLT- 0.945 NLT- 0.016
Absorption at 659 ±3nm Absorption at 391 ±3nm	

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

