

1672 A– GRAM’S IODINE

REF NO: TBL/QA/SS/LC/1672 A	STANDARD SPECIFICATION FOR GIEMSA’S STAIN	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 1672 A

PRODUCT PROPERTIES

C.A.S Number	12298-68-9
Chemical Formula	I ₃ K
Formula weight	419.81
Functional Uses	Gram's Iodine is used as mordant to “seal” the Crystal Violet stain into the cell walls of the bacteria. Gram's Iodine is used in conjunction with Crystal Violet, Gram’s Decolourizer and Safranin-O, to perform a Gram Stain.
Standard Packaging	25gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Dark gray color crystal.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Refractive index	1.335
Density	1.007gm/ml (at 25°C)

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

