

2103 – METHYL GREEN, AR GRADE

REF NO: TBL/QA/SS/LC/2103	STANDARD SPECIFICATION FOR METHYL GREEN, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 10/03/2025
Issue Date: 11/03/2022		Product code: 2103

PRODUCT PROPERTIES

C.A.S Number	7114-03-6
Chemical Formula	$C_{27}H_{35}Cl_4 N_3Zn$
Formula weight	608.79
Functional Uses	Methyl green is suitable as a nuclear counterstain in enzyme histochemistry, immunostaining, and in situ hybridization as the bluish-green color will be in contrast with red, purple, brown, and black products of histochemical reactions.
Standard Packaging	10 gm. & 25 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Black color crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Indicator pH (Yellow to Blue)	0.2 – 1.8
Melting Point	300°C
Assay	NLT – 85.0%

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

