

4101 – PICRIC ACID, EXTRA PURE (2, 4, 6-TRINITROPHENOL)

REF NO: TBL/QA/SS/LC/4101	STANDARD SPECIFICATION FOR PICRIC ACID, EXTRA PURE (2,4,6 TRINITROPHENOL)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2025
Issue Date: 27/10/2022		Product code: 4101

PRODUCT PROPERTIES

C.A.S Number	88-89-1
Chemical Formula	$(O_2N)_3C_6H_2OH$
Formula weight	229.10
Functional Uses	Picric acid has been used in the preparation of Bouin's fixative and picric acid/sodium azide/multi-walled carbon nanotubes.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellow powder or crystals with a top layer of yellow liquid

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphated ash	NMT – 0.05%
Melting Range	121 – 123 ^o C
Chloride (Cl)	NMT – 0.001%
Assay	NLT – 99.0%

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

