

4105 – SODIUM FORMATE, AR GRADE

REF NO: TBL/QA/SS/LC/4105	STANDARD SPECIFICATION FOR SODIUM FORMATE, AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 21/03/2025
Issue Date: 22/03/2022		Product code:4105

PRODUCT PROPERTIES

C.A.S Number	141-53-7
Chemical Formula	CHNaO ₂
Formula weight	68.01
Functional Uses	Sodium formate is used in analytical chemistry to precipitate noble metals.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colourless or white to off-white deliquescent crystals or powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% solution in water)	7.0 – 8.5
Loss on drying (at 105 ^o C)	NMT – 0.5%
Chloride (Cl)	NMT – 0.0005%
Phosphate (PO ₄)	NMT – 0.001%
Sulphate(SO ₄)	NMT – 0.001%
Heavy Metal (as Pb)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Calcium (Ca)	NMT – 0.0005%
Assay	NLT – 99.0%

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