

2388– BETAINE HYDROCHLORIDE

REF NO: TBL/QA/SS/LC/2388	STANDARD SPECIFICATION FOR BETAINE HYDROCHLORIDE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 2388

PRODUCT PROPERTIES

C.A.S Number	590-46-5
Chemical Formula	C ₅ H ₁₂ ClNO ₂
Formula weight	153.61
Functional Uses	Betaine hydrochloride has been used as a component of fixative in HEPES or cacodylate buffer to improve preservation of the ultrastructural morphology of human spermatozoa.
Standard Packaging	100gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless crystal Powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	241 – 242°C
Assay	NLT- 98.0%

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

