

2984 – SODIUM BICARBONATE, SPL

REF NO: TBL/QA/SS/LC/2984	STANDARD SPECIFICATION FOR SODIUM BICARBONATE, SPL	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	144-55-8
Chemical Formula	NaHCO ₃
Formula weight	84.01
Functional Uses	Sodium bicarbonate has been used as a component of bovine embryo culture system during in vitro maturation, fertilization, and culture (IVMFC)
Standard Packaging	500 gm. 5 kg & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% soln. at 25°C)	8.0 – 8.6
Chloride (Cl)	NMT – 0.015%
Iron (Fe)	NMT – 0.002%
Sulphate (SO ₄)	NMT – 0.01%
Lead (Pb)	NMT – 0.001%
Assay	NLT – 99.0%

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

