

4031– BENZETHONIUM CHLORIDE

REF NO: TBL/QA/SS/LC/4031	STANDARD SPECIFICATION FOR BENZETHONIUM CHLORIDE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
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PRODUCT PROPERTIES

C.A.S Number	121-54-0
Chemical Formula	C ₂₇ H ₄₂ ClNO ₂
Formula weight	448.08
Functional Uses	Benzethonium chloride has been used in a study to assess the minimum inhibitory concentrations of meticillin-resistant <i>Staphylococcus aureus</i> (MRSA) isolates from Malaysia. It has also been used in a study to prepare biocomposite films from sodium alginate and modified clay.
Standard Packaging	25 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White coloured powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphate (SO ₄)	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
Iron (Fe)	NMT – 0.0005%
Moisture	NMT – 1.0%
Assay (HPLC)	NLT – 99.0%

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

