

2556– CETRIMIDE (N-CETYL N, N,N-TRIMETHYLAMMONIUM BROMIDE) AR GRADE

REF NO: TBL/QA/SS/LC/2556	STANDARD SPECIFICATION FOR CETRIMIDE (N-CETYL N, N,N-TRIMETHYLAMMONIUM BROMIDE) AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 07/11/2024
Issue Date: 08/11/2021		Product code: 2556

PRODUCT PROPERTIES

C.A.S Number	57-09-0
Chemical Formula	C ₁₉ H ₄₂ NBr
Formula weight	364.45
Functional Uses	It facilitates the separation of polysaccharides during purification while additives, such as polyvinylpyrrolidone, can aid in removing polyphenols. CTAB based extraction buffers are widely used when purifying DNA from plant tissues.
Standard Packaging	100 gm, 500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder.
Solubility	Completely soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Moisture	NMT – 0.5%
Melting Range	248 – 253°C
Sulphate (SO ₄)	NMT – 0.005%
Heavy Metal (Pb)	NMT – 0.0005%
Chloride	NMT – 0.1%
Assay	NLT – 99.0%

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

