



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

**Product**

**68623 - Cetyltrimethyl Ammonium Chloride (CTAC) for molecular biology, 99% - [112-02-7]**

**Batch No**

**8625500**

**Analysis Date**

09-Jan-2020

**Date of Manufacture**

January 2020

**Expiry Date/Re-Test Date**

January 2025

**Molecular Formula**

C19H39NCl

**Molecular Weight**

320.00

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% aq. solution	Clear	Clear
Solubility (Colour) 5% aq. solution	Colourless	Colourless
Assay (NT)	min. 99%	99.2%
pH (0.1M aq. solution)	5.0 - 7.0	5.3
Melting Point	232 - 237°C	233°C
Loss on drying	max. 1%	0.8%
Sulphate (SO <sub>4</sub> )	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Absorbance (A) of 0.1M aq. solution in a 1cm cell v/s H <sub>2</sub> O		
@260nm	max. 0.1	0.071
@280nm	max. 0.1	0.083
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/68623 Rev No. 1 Date 01/13/2020

Prepared by Sagar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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