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## Certificate of Analysis

<b>Product</b>	<b>23595 - Cetyltrimethyl Ammonium Chloride (CTAC) extrapure AR, 99% - [112-02-7]</b>
<b>Batch No</b>	<b>4990450</b>
<b>Analysis Date</b>	30-Jul-2023
<b>Date of Manufacture</b>	July 2023
<b>Expiry Date/Re-Test Date</b>	July 2028
<b>Molecular Formula</b>	C19H42NCl
<b>Molecular Weight</b>	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
pH (5% aq. solution)	4.0 -7.5	6.3
Assay (NT)	min. 99%	99.8%
Melting Point	232 - 237°C	233°C
Loss on drying	max.1%	0.03%
Sulphate (SO4)	max. 0.01%	Passes
Iron (Fe)	max. 0.001%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes

FRM/82/11/4/23595 Rev No. 2 Date 26/02/2022

Prepared by **ThakurRohit**

In compliance with the standard specifications of SRL

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

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