



**SISCO  
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## Certificate of Analysis

**Product**

**84483 - Cetyltrimethyl Ammonium Bromide (CTAB) for cell culture, 99%, Endotoxin (BET) 0.05EU/mg - [57-09-0]**

**Batch No**

**2957819**

**Analysis Date**

01-Feb-2022

**Date of Manufacture**

February 2022

**Expiry Date/Re-Test Date**

February 2027

**Molecular Formula**

C<sub>19</sub>H<sub>42</sub>BrN

**Molecular Weight**

364.45

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 5% hot aq. solution	Clear	Clear
Solubility (Colour) 5% hot aq. solution	Colourless	Colourless
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Colourless	Colourless
Assay (NT)	min. 99%	99.8%
pH (0.1M aq. solution)	5.0 - 7.0	6.5
Loss on drying	max.1%	0.2%
Melting Point	249 - 253°C (Decomposition)	249°C
Sulphate (SO <sub>4</sub> )	max. 0.02%	Passes
Iron (Fe)	max. 0.001%	Passes
Suitability for Cell Culture	Passes	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	<0.05 EU/mg

FRM/82/11/4/84483 Rev No. 2 Date 01/02/2022

Prepared by PPatil

In compliance with the standard specifications of SRL

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

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