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Certificate of Analysis

Product

**99698 - Cetylpyridinium Chloride (CPC) ExiPlus,
Multi-Compendial, 98% - [6004-24-6]**

Batch No

6131285

Analysis Date

27-Nov-2023

Date of Manufacture

November 2023

Expiry Date/Re-Test Date

November 2028

Molecular Formula

C₂₁H₃₈NCl.H₂O

Molecular Weight

358.01

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP, Ph.Eur	Passes
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. 98%	99.1%
Acidity	max. 2.5 ml N%	0.4 ml N%
Melting Point	80 - 83°C	82.9°C
Sulphated Ash	max. 0.1%	0.06%
Free pyridine	Passes test	Passes
Water (KF)	4.5 - 5.5%	5.2%

FRM/82/11/4/99698 Rev No. 2 Date 01/04/2018

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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