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Certificate of Analysis

Product	59088 - Cetylpyridinium Chloride (CPC) extrapure, 98% - [6004-24-6]
Batch No	4987207
Analysis Date	27-Nov-2023
Date of Manufacture	November 2023
Expiry Date/Re-Test Date	November 2028
Molecular Formula	C ₂₁ H ₃₈ NCl.H ₂ O
Molecular Weight	358.01

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. 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/82/11/4/59088 Rev No. 3 Date 02/11/2020

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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