



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CETYL PYRIDINIUM CHLORIDE FOR SYNTHESIS 98%**

<b>CAS No</b>	<b>: 6004- 24- 6</b>	<b>Product code</b>	<b>: 13535</b>
<b>Mol. Formula</b>	<b>: C<sub>21</sub>H<sub>38</sub>ClN.H<sub>2</sub>O</b>	<b>Batch No</b>	<b>: MCR-18987</b>
<b>Mol. WT</b>	<b>: 358.01</b>	<b>Mfd.</b>	<b>: June 2019</b>
<b>Date Analysis</b>	<b>: 25/06/19</b>	<b>Exp.</b>	<b>: May 2024</b>

<b>S. R</b>	<b>Test</b>	<b>Specification</b>	<b>Observation</b>
1	<b>Description</b>	White crystalline powder.	White crystalline powder.
2	<b>Assay (ex cationic activity)</b>	98% w/w min	98.55% w/w
3	<b>Melting Point</b>	82 - 84 <sup>0</sup> C	83.9 <sup>0</sup> C
4	<b>pH (1% aqueous solution)</b>	4.7 - 5.7	5.5
5	<b>Sulphated ash</b>	0.1% max	0.05%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**HEAD-QUALITY ASSUARANCE  
(G.G.Salian)**

**Note:** Computer generated image requires no sign.

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