

## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	: 6004-24-6	<b>Product code</b>	: 13535
<b>Mol. Formula</b>	: C <sub>21</sub> H <sub>38</sub> ClN.H <sub>2</sub> O	<b>Batch No.</b>	: MCR-29352-01
<b>Mol. WT</b>	: 358.01	<b>Mfd.</b>	: Sept. 2024
<b>Date Analysis</b>	: 04/09/24	<b>Exp.</b>	: Aug. 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	White crystalline powder.	White crystalline powder.
2	<b>Assay (ex cationic activity)</b>	98% w/w min	99.50%w/w
3	<b>Melting Point</b>	82 - 84 <sup>0</sup> C	83.2 <sup>0</sup> C
4	<b>pH (1% aqueous solution)</b>	4.7 - 5.7	5.69
5	<b>Sulphated ash</b>	0.1% max	0.07%

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

**[Tested By]**



**CHEMIST  
(Durvas)**



**[QC Incharge]**



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

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