



## CERTIFICATE OF ANALYSIS

Date : 24/09/14

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

CAS No : 6004- 24- 6  
Mol. Formula :  $C_{21}H_{38}ClN.H_2O$   
Mol. WT : 358.01

Product code : 13535  
Batch No : MCR 8700  
Mfd. : Sept. 2014

S. R	Test	Specification	Observation
1	Assay(ex cationic activity)	98% w/w min	98.80% w/w
2	Melting Point	82 - 84 <sup>0</sup> C	83.9 <sup>0</sup> C
3	pH (1% aqueous solution)	4.7 - 5.7	4.96
4	Sulphated ash	0.1% max	0.06%

**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.