



## CERTIFICATE OF ANALYSIS

Date: 11/04/18

PRODUCT NAME : CHOLINE CHLORIDE 98% LR

CAS No : 67-48-1  
Mol. Formula : C<sub>5</sub>H<sub>14</sub>ClNO  
At. WT : 139.63  
Exp. : March 2023

Product code : 31453  
Batch No : MCR-15918  
Mfd. : April 2018

S.R	Test	Specification	Observation
1	Assay (on dried material )	98% min	98.15 %
2	pH (10% aq. solution)	5 – 6.5	5.11
3	Moisture ( By KF)	2 % max	1.73%
4	Sulphated ash	0.2 % max	0.05%
5	Free amine (as dimethylamine )	0.1 % max	<0.1%

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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