



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CHOLINE CHLORIDE 98%

CAS No : 67-48-1
Mol. Formula : $C_5H_{14}ClNO$
At. WT : 139.63
Date of analysis : 22/12/20

Product code : 31453
Batch No : MCR-22553
Mfd. : Dec. 2020
Exp. : Nov. 2025

S.R	Test	Specification	Observation
1	Description	White deliquescent crystals or crystalline powder.	White deliquescent crystalline powder.
2	Assay (on dried material)	98% min	98.75%
3	pH (10% aq. solution)	5 – 6.5	5.25
4	Moisture (By KF)	2 % max	1.90 %
5	Sulphated ash	0.2 % max	0.10 %
6	Free amine (as dimethylamine)	0.1 % max	< 0.01%

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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