



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CHOLINE CHLORIDE 98%

CAS No : 67-48-1
Mol. Formula : C₅H₁₄CINO
At. WT : 139.63
Date of analysis : 20/11/23

Product code : 31453
Batch No : MCR-27163-01
Mfd. : Nov. 2023
Exp. : Oct. 2028

S.R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or white deliquescent crystalline powder.	White deliquescent crystalline powder.
2	Assay (on dried material)	98% min	98.14%
3	pH (10% aq. solution)	5 – 6.5	6.02
4	Moisture (By KF)	2 % max	1.66 %
5	Sulphated ash	0.2 % max	0.1 %
6	Free amine (as dimethylamine)	0.1 % max	< 0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Jyoti)**

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

Note: Computer generated image requires no sign.

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaoon, Badlapur (E), Dist.-Thane-421 503.