



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CHOLINE CHLORIDE 98%

CAS No	: 67-48-1	Product code	: 31453
Mol. Formula	: C₅H₁₄ClNO	Batch No	: MCR-28591
At. WT	: 139.63	Mfd.	: June 2023
Date of analysis	: 24/06/23	Exp.	: May 2028

S.R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or white deliquescent crystalline powder.	Colourless deliquescent crystals.
2	Assay (on dried material)	98% min	99.62%
3	pH (10% aq. solution)	5 – 6.5	6.47
4	Moisture (By KF)	2 % max	1.85%
5	Sulphated ash	0.2 % max	0.12%
6	Free amine (as dimethylamine)	0.1 % max	< 0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Nikita)**

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

Note: Computer generated image requires no sign.

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