

CERTIFICATE OF ANALYSIS

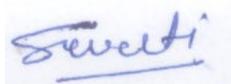
PRODUCT NAME : CHOLINE CHLORIDE 98% LR

CAS No	: 67-48-1	Product code	: 31453
Mol. Formula	: C ₅ H ₁₄ ClNO	Batch No	: MCR-31949
At. WT	: 139.63	Mfd.	: Sept. 2024
Date of analysis	: 18/09/24	Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	Description	Colourless deliquescent crystals or white deliquescent crystalline powder.	White deliquescent crystals.
2	Assay (on dried material)	98% min	98.15%
3	pH (10% aq. solution)	5 – 6.5	5.72
4	Moisture (By KF)	2 % max	1.62 %
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]



**CHEMIST
(Swati)**

[QC Incharge]



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

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