

# POTASSIUM CHLORIDE 98%

## CERTIFICATE OF ANALYSIS

Sr. No	Test	Result	Specifications
1	Description	A white crystalline powder, odorless	A white crystalline powder, odorless
2	Identifications	Complies	Gives positive reaction for Potassium and chloride
3	Appearance of solutions	Complies	Solution A is clear and clear
4	Acidity/ Alkalinity	Complies	NMT 0.5 ml 0.01 m HCL or 0.01 m NaOH required.
5	Arsenic	Within Limits	Max 1 ppm
6	Barium	Complies	Not more opalescent than a mixture of 5 ml of solution A and 6 ml of water
7	Heavy Metals	Within Limits	Max 10 ppm
8	Calcium and Magnesium	Complies	The solution remains clear
9	Iron	Within Limits	Max 20 ppm
10	Bromides	Within Limits	NMT 0.1%
11	Iodides	Complies	Substance shows no blue color after 5 minutes
12	Loss on drying	0.84%	NMT 2.0 %
13	Sulphates	Within Limits	Max 300 ppm
14	Aluminum	Complies	The flourescence of the test is not greater than that of the standard solution ( 1 ppm)
15	K <sub>2</sub> O	61.008 %	60.5%
15	Sodium	Within limit	NMT 0.1%
16	Assay	98.3%	98.4%