

Potassium chloride
Analytical reagent
500 G



RANKEM

Material No.: P0240

Batch No.: J045J22

Manufactured Date: 09-2022

Expiration Date: 09-2027

CAS No.: 7447-40-7

Molecular Formula: KCl

Molecular Mass: 74.55

Certificate of Analysis

Test	Specification	Result
Guarantee Analysis	.	.
Assay	$\geq 99.80 \%$	99.89 %
pH (5% Aqueous Solution)	5.50 - 8.00	6.71
Maximum Limits Of Impurities	.	.
Water Insoluble Matter	$\leq 0.003 \%$	0.001 %
Bromide and Iodide	$\leq 0.005 \%$	$\leq 0.005 \%$
Total Nitrogen (N)	$\leq 0.001 \%$	$\leq 0.001 \%$
Sulphate (SO ₄)	$\leq 0.001 \%$	$\leq 0.001 \%$
Phosphate (PO ₄)	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Arsenic(As)	$\leq 0.00004 \%$	$\leq 0.00004 \%$
Barium (Ba)	$\leq 0.001 \%$	$\leq 0.001 \%$
Calcium (Ca)	$\leq 0.001 \%$	$\leq 0.001 \%$
Iron (Fe)	$\leq 0.0002 \%$	$\leq 0.0002 \%$
Heavy Metal (As Pb)	$\leq 0.0002 \%$	$\leq 0.0002 \%$
Magnesium (Mg)	$\leq 0.0005 \%$	$\leq 0.0005 \%$
Sodium (Na)	$\leq 0.02 \%$	0.01 %
Loss On Drying	$\leq 0.20 \%$	0.11 %

The batch complies with the laid down specification.

Description: White crystals or crystalline powder.

Clarity :Solution of 5 g in 50 ml of water is clear and colourless.

This document has been produced electronically and is valid without signature. For questions on this Certificate of Analysis please contact Technical Services via Phone +91 (22) 41288100 or Email:Info.lab@avantorsciences.com.

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