

Certificate of Analysis

Compound Information

Product Name:	Potassium chloride, AR, 99.5%
Cat. No.:	1085303
CAS No.:	7447-40-7
Molecular Formula:	ClK
Molecular Weight:	74.55
Chemical Structure:	

KCl

Batch Information

Batch No.:	Lf0622141821
Storage:	Storage temp. 2-8°C
Test Date:	2022-06-22
Retest Date:	2025-06-21
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
Assay:	99.6%
Clarity experiment:	Qualified
Water insoluble matter($\leq 0.005\%$):	0.0047%
Iodide($\leq 0.002\%$):	0.001%
Bromide($\leq 0.02\%$):	0.01%
Sulfate($\leq 0.002\%$):	0.001%
Phosphate($\leq 0.0005\%$):	0.0005%
Na($\leq 0.2\%$):	Qualified
Mg($\leq 0.001\%$):	Qualified
Ca($\leq 0.003\%$):	Qualified
Fe($\leq 0.0003\%$):	Qualified
Ba($\leq 0.001\%$):	Qualified
Heavy metal($\leq 0.0005\%$):	Qualified
Total nitrogen($\leq 0.001\%$):	Qualified

Conclusion:

The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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