

# Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-P41500-500GM	CHEMPURE Potassium Carbonate, ACS, 500 GM	260605-266902
Formula	Molecular Weight	Cas Number
CK <sub>2</sub> O <sub>3</sub>	138.21	584-08-7

QC TEST/RELEASE DATE: 07/03/2025

SUGGESTED RETEST DATE: 12/06/2029

S.No	Test	Unit	Specifications	Test Value
1	Appearance		White, hygroscopic granualr powder	passed
2	Assay (Titration)	%	≥ 99.0	99.8
3	Calcium (Ca)	%	≤ 0.005	<0.005
4	Chloride Content	%	≤ 0.003	< 0.003
5	Heavy Metals	ppm	≤ 5	< 5
6	Insoluble Matter	%	≤ 0.01	0.00
7	Iron (Fe)	ppm	≤ 5	< 5
8	Magnesium (Mg)	%	≤ 0.002	<0.002
9	Phosphate	%	≤ 0.001	< 0.001
10	Silica	%	≤ 0.005	< 0.005
11	Sodium (Na)	%	≤ 0.02	0.01
12	Sulfur Compound	%	≤ 0.004	< 0.004
13	BSE/TSE Free		BSE/TSE Free	passed

This is to certify that samples of the lot number above were tested and found to comply with the stated specifications. Some or all data have been provided by vendors/ third parties. ChemPure Brand Chemicals expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular use or purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in research and further manufacturing only. **NOT FOR USE IN FOOD, DRUG OR MEDICAL DEVICE MANUFACTURING.** Persons using this information should make their own determination regarding its suitability for their particular use.

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**Certified By: Jacques Swart**

*Q.C.Manager*