



# Certificate of Analysis

Item Number	Product Description	Lot Number
CPB-P47000-500GM	CHEMPURE Potassium Sulfate, 500 G	107414-183731
Formula	Molecular Weight	Cas Number
K <sub>2</sub> O <sub>4</sub> S	174.26	7778-80-5

QC TEST/RELEASE DATE: 01/07/2022

SUGGESTED RETEST DATE: 04/01/2024

S.No	Test	Unit	Specifications	Test Value
1	Appearance		White crystalline powder	passed
2	Assay	%	≥ 99.0	99.61
3	Calcium (Ca)	%	≤ 0.01	0.001
4	Chloride	%	≤ 0.001	0.0008
5	Heavy Metals	ppm	≤ 5	3
6	Insoluble Material	%	≤ 0.01	0.005
7	Iron	ppm	≤ 5	3
8	Magnesium (Mg)	%	≤ 0.005	0.002
9	Nitrogen Compounds	ppm	≤ 5	3
10	pH		5.5 - 8.5	6.66
11	Sodium (Na)	%	≤ 0.02	0.01

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