

## Certificate of Analysis

| Item Number                     | Product Description               | Lot Number    |
|---------------------------------|-----------------------------------|---------------|
| CPB-P47000-500GM                | CHEMPURE Potassium Sulfate, 500 G | 107414-191910 |
| 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       |
| 12   | BSE/TSE Free       |      | BSE/TSE Free             | passed     |
| 13   | Country of Origin  |      | Report                   | India      |

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 DIRECT USE IN FOOD, DRUG, HUMANS, ANIMALS OR MEDICAL DEVICES.** Persons using this information should make their own determination regarding its suitability for their particular use.

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