

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

|                           |                                                                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalogue Number          | P181                                                                                                                                                                                              |
| Lot Number                | 245082                                                                                                                                                                                            |
| Description               | POTASSIUM ACETATE, USP/EP/BP                                                                                                                                                                      |
| CAS Number                | 127-08-2                                                                                                                                                                                          |
| Quality Test/Release Date | 25/Sep/2024                                                                                                                                                                                       |
| Suggested retest date     | 31/May/2026                                                                                                                                                                                       |
| Country of Origin         | India                                                                                                                                                                                             |
| Declaration of Origin     | Synthetic                                                                                                                                                                                         |
| BSE/TSE                   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |

| Result Name                                              | Units               | Specifications                 | Test Value                     |
|----------------------------------------------------------|---------------------|--------------------------------|--------------------------------|
| APPEARANCE                                               |                     | REPORT                         | White, fine crystalline powder |
| British Pharmacopeia Grade - APPEARANCE OF SOLUTION      | CLEAR AND COLORLESS | = Clear and Colorless          | CLEAR AND COLORLESS            |
| British Pharmacopeia Grade - ASSAY                       | %                   | Inclusive Between 99.0 - 101.0 | 99.9                           |
| British Pharmacopeia Grade - CHLORIDES                   | ppm                 | <= 200                         | <30                            |
| British Pharmacopeia Grade - IDENTIFICATION (ALL LISTED) | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| British Pharmacopeia Grade - IRON                        | ppm                 | <= 20                          | <5                             |
| British Pharmacopeia Grade - LOSS ON DRYING PER BP       | %                   | <= 3.0                         | 0.3                            |
| British Pharmacopeia Grade - PH (5% SOLUTION)            |                     | Inclusive Between 7.5 - 9.0    | 7.915                          |
| British Pharmacopeia Grade - REDUCING SUBSTANCES         | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| British Pharmacopeia Grade - SODIUM                      | %                   | <= 0.5                         | 0.01                           |
| British Pharmacopeia Grade - SOLUBILITY                  | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| British Pharmacopeia Grade - SULFATES                    | ppm                 | <= 200                         | <20                            |
| EP Grade - APPEARANCE OF SOLUTION                        | CLEAR AND COLORLESS | = Clear and Colorless          | CLEAR AND COLORLESS            |
| EP Grade - ASSAY                                         | %                   | Inclusive Between 99.0 - 101.0 | 99.9                           |
| EP Grade - BACTERIAL ENDOTOXINS                          | EU/Mg               | = REPORT                       | <0.005                         |
| EP Grade - CHLORIDES                                     | ppm                 | <= 200                         | <30                            |
| EP Grade - EPSOLUBILITY                                  | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| EP Grade - IDENTIFICATION (ALL LISTED)                   | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| EP Grade - IRON                                          | ppm                 | <= 20                          | <5                             |
| EP Grade - LOSS ON DRYING PER EP                         | %                   | <= 3.0                         | 0.3                            |
| EP Grade - PH (5% SOLUTION)                              |                     | Inclusive Between 7.5 - 9.0    | 7.915                          |
| EP Grade - REDUCING SUBSTANCES                           | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| EP Grade - SODIUM                                        | %                   | <= 0.5                         | 0.01                           |
| EP Grade - SULFATES                                      | ppm                 | <= 200                         | <20                            |
| USP Grade - ASSAY                                        | %                   | Inclusive Between 99.0 - 100.5 | 99.9                           |
| USP Grade - ENDOTOXINS                                   | EU/Mg               | = REPORT                       | <0.005                         |
| USP Grade - IDENTIFICATION (ALL LISTED)                  | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| USP Grade - LOSS ON DRYING @ 150 C                       | %                   | <= 1.0                         | 0.3                            |
| USP Grade - RESIDUAL SOLVENTS                            | PASS/FAIL           | = PASS TEST                    | PASS TEST                      |
| USP Grade - SODIUM (NA)                                  | %                   | <= 0.03                        | 0.01                           |
| USP Grade - pH OF A 5% SOLUTION                          | %                   | Inclusive Between 7.5 - 8.5    | 7.915                          |

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.

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**Additional Information** This product is not derived from substances containing or derived from gluten, soybeans, nuts, corn, eggs, or lactose or other milk products.



Harout Sahagian  
QC Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

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