



# Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69,G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)

Telefax : 91-265-2841531,2841532,2841534,2841535

Email: salesindia@qualikems.com ,www.qualikems.com

## CERTIFICATE OF ANALYSIS

|                          |                                     |                         |                  |
|--------------------------|-------------------------------------|-------------------------|------------------|
| <b>Name of Product</b>   | : Di-Potassium hydrogen O-Phosphate | <b>CAS No.</b>          | : 7758-11-4      |
| <b>Molecular Formula</b> | : K <sub>2</sub> HPO <sub>4</sub>   | <b>Molecular Weight</b> | : 174.18 g/mole  |
| <b>Batch No.</b>         | : QF2603079                         | <b>Grade</b>            | : HPLC           |
| <b>Mfg. Date</b>         | : March-2026                        | <b>Retest Date</b>      | : February -2031 |

| Sr. No. | Tests                                | Specification                        | Observation |
|---------|--------------------------------------|--------------------------------------|-------------|
| 1       | Appearance                           | White hygroscopic crystalline powder | Complies    |
| 2       | Assay                                | Min 99 %                             | 99.81 %     |
| 3       | Solubility (0.1 g/mL in water; 25°C) | Complete, colourless                 | Complies    |
| 4       | pH (10% solution in water)           | 8.5 - 9.6                            | 8.91        |
| 5       | Loss on drying (at 105°C)            | Max 1.0%                             | 0.26 %      |
|         | UV absorbance (10% in water)         |                                      |             |
| 7       | at 230 nm                            | Max 0.15                             | 0.10        |
| 8       | at 240 nm                            | Max 0.12                             | 0.06        |
| 9       | at 250 nm                            | Max 0.11                             | 0.05        |
| 10      | at 310 nm                            | Max 0.05                             | 0.02        |
| 11      | at 500 nm                            | Max 0.02                             | 0.01        |

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance

Sales Office : 5531,Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA

Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476



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