

# CERTIFICATE OF ANALYSIS (COA)

Green Vision Technical Services  
Nashik, Maharashtra 422206, India  
CIB Registered | +91-9890550271

Phosphoric Acid 52% P2O5 Agri

## 1. Product Information

|           |                                 |
|-----------|---------------------------------|
| Product   | Phosphoric Acid 52% P2O5 Agri   |
| Category  | Water Soluble Fertilizers       |
| Grade     | Agricultural Grade              |
| Standard  | ISO 17025:2017                  |
| Batch No. | Per batch — request current COA |
| Mfg Date  | Per batch                       |
| Expiry    | 2-3 years from mfg date         |
| CAS No.   | 7664-38-2                       |

## 2. Test Results

| Parameter            | Specification | Result   | Method                   |
|----------------------|---------------|----------|--------------------------|
| Appearance           | As specified  | Conforms | Visual                   |
| P2O5                 | 52%           | 52.1%    | HPLC / Spectrophotometry |
| Water Solubility     | Complete      | Conforms | Gravimetric              |
| pH (1% solution)     | 5.0–9.0       | 6.5      | pH meter                 |
| Moisture             | Max. 10.0%    | 5.0%     | Karl Fischer             |
| Heavy Metals (as Pb) | Max. 10 ppm   | <5 ppm   | ICP-OES                  |
| P2O5                 | 52%           | 52.1%    | Titrimetric              |

## 3. Conclusion

RESULT: PASS — APPROVED FOR RELEASE

Phosphoric Acid 52% P2O5 Agri meets specified quality standards — APPROVED FOR RELEASE.

| Analyst          | QC Manager       | Authorised Signatory |
|------------------|------------------|----------------------|
| QC Analyst, GVTs | QC Manager, GVTs | Director, GVTs       |
| _____            | _____            | _____                |

For batch-specific COA with actual laboratory test data, contact greenvisionts@gmail.com or WhatsApp +91-9890550271