

# CERTIFICATE OF ANALYSIS (COA)

Green Vision Technical Services  
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Potassium Carbonate 68%

## 1. Product Information

|           |                                 |
|-----------|---------------------------------|
| Product   | Potassium Carbonate 68%         |
| Category  | Specialty 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.   | 584-08-7                        |

## 2. Test Results

| Parameter            | Specification | Result   | Method                   |
|----------------------|---------------|----------|--------------------------|
| Appearance           | As specified  | Conforms | Visual                   |
| K <sub>2</sub> O     | Min. 68%      | 68.5%    | 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                  |
| K <sub>2</sub> O     | Min. 68%      | 68.5%    | Titrimetric              |

## 3. Conclusion

RESULT: PASS — APPROVED FOR RELEASE

Potassium Carbonate 68% 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