

# CERTIFICATE OF ANALYSIS (COA)

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

NPK 05:10:45 Ripening Grade WSF

## 1. Product Information

|           |                                 |
|-----------|---------------------------------|
| Product   | NPK 05:10:45 Ripening Grade WSF |
| 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.   | Various — see label             |

## 2. Test Results

| Parameter                                       | Specification                     | Result   | Method            |
|-------------------------------------------------|-----------------------------------|----------|-------------------|
| Appearance                                      | White crystalline powder/granules | Conforms | Visual            |
| Total Nitrogen (N)                              | Min. 5%                           | 5.2%     | Kjeldahl          |
| Phosphorus (P $\blacksquare$ O $\blacksquare$ ) | Min. 10%                          | 10.3%    | Spectrophotometry |
| Potassium (K $\blacksquare$ O)                  | Min. 45%                          | 45.2%    | Flame photometry  |
| Water Solubility                                | 100%                              | 100%     | Gravimetric       |
| pH (1% solution)                                | 4.5–7.5                           | 6.2      | pH meter          |
| Moisture                                        | Max. 2.0%                         | 0.8%     | Karl Fischer      |
| Heavy Metals (as Pb)                            | Max. 10 ppm                       | <5 ppm   | ICP-OES           |

## 3. Conclusion

RESULT: PASS — APPROVED FOR RELEASE

NPK 05:10:45 Ripening Grade WSF meets specified quality standards — APPROVED FOR RELEASE.

| Analyst          | QC Manager       | Authorised Signatory |
|------------------|------------------|----------------------|
| QC Analyst, GVTS | QC Manager, GVTS | Director, GVTS       |
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For batch-specific COA with actual laboratory test data, contact greenvisionts@gmail.com or WhatsApp +91-9890550271