

# Certificate of Analysis (COA)

**Product Name:** NPK Fertilizer 12:32:16

**Batch No.:** NPK-2026

## Specifications & Test Results

Parameter	Specification	Test Result
Appearance	Granular, free-flowing	Conforms
Total Nitrogen (N)	12 %	12.1 %
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	32 %	32.2 %
Water Soluble Phosphorus (P <sub>2</sub> O <sub>5</sub> )	≥ 30 %	31.8 %
Potassium (K <sub>2</sub> O)	16 %	16.0 %
Water Soluble Potassium (K <sub>2</sub> O)	≥ 14 %	15.6 %
Moisture Content	≤ 2.0 %	1.5 %
pH (1% aqueous solution)	5.5 – 7.5	6.2
Bulk Density	1.2 – 1.3 g/cm <sup>3</sup>	1.25 g/cm <sup>3</sup>
Heavy Metals (as Pb)	≤ 20 ppm	12 ppm
Water Insoluble Matter	≤ 0.5 %	0.3 %

## Additional Information

- **Solubility:** Fully soluble in water; suitable for fertigation and soil application
- **Recommended Use:** Balanced nutrient fertilizer for crops requiring high phosphorus
- **Packaging:** 25 kg / 50 kg HDPE bags or jumbo bags