

## CERTIFICATE OF ANALYSIS (COA)

**Product:** NPK 13:40:13 Water Soluble Fertilizer

**Grade:** Agricultural Grade (FCO compliant)

**Form:** Crystalline / Powder

**Mfg. Date:** 12/03/2026

**Expiry:** 2-3 Years

### ☐ Chemical Composition

Parameter	Unit	Specification	Result
Total Nitrogen (N)	% w/w	≥ 13.0	13.1
• Ammoniacal Nitrogen	% w/w	8.0 – 9.0	8.6
• Nitrate Nitrogen	% w/w	4.0 – 5.0	4.4
Available Phosphorus (P <sub>2</sub> O <sub>5</sub> )	% w/w	≥ 40.0	40.2
Water Soluble Potassium (K <sub>2</sub> O)	% w/w	≥ 13.0	13.1

🔗 These values match standard fertilizer specs where NPK ratio is **13-40-13**

### 📏 Physical & Chemical Properties

Parameter	Specification	Result
Appearance	White / Off-white crystals	Conforms
pH (1% solution)	4.0 – 5.5	4.6
Moisture	≤ 0.5%	0.3%
Water Insoluble Matter	≤ 0.5%	0.2%
Solubility	100% water soluble	Pass