

CERTIFICATE OF ANALYSIS (COA)

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

Potassium Silicate Powder 33% K₂O

1. Product Information

Product	Potassium Silicate Powder 33% K ₂ O
Category	Soil Amendments
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.	1312-76-1

2. Test Results

Parameter	Specification	Result	Method
Appearance	As specified	Conforms	Visual
K ₂ O+SiO ₂	K ₂ O:33%, SiO ₂ :50%	K ₂ O:33.5%, SiO ₂ :50.2%	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 ₂ O+SiO ₂	K ₂ O:33%, SiO ₂ :50%	K ₂ O:33.5%, SiO ₂ :50.2%	ICP-OES

3. Conclusion

RESULT: PASS — APPROVED FOR RELEASE

Potassium Silicate Powder 33% K₂O 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