

CERTIFICATE OF ANALYSIS (COA)

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Potassium Silicate 12% SiO₂

1. Product Information

Product	Potassium Silicate 12% SiO ₂
Category	Micronutrients
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	Clear solution/powder	Conforms	Visual
SiO ₂ + K ₂ O	SiO ₂ :12%, K ₂ O:10%	SiO ₂ :12.1%, K ₂ O:10.2%	ICP-OES
Water Solubility	Complete to 98%	Conforms	Gravimetric
pH (1% solution)	3.5–8.5	6.0	pH meter
Heavy Metals (as Pb)	Max. 20 ppm	<10 ppm	ICP-OES

3. Conclusion

RESULT: PASS — APPROVED FOR RELEASE

Potassium Silicate 12% SiO₂ 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