

CERTIFICATE OF ANALYSIS (COA)

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Potassium Silicate 15% SiO2 Liquid

1. Product Information

Product	Potassium Silicate 15% SiO2 Liquid
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.	1312-76-1

2. Test Results

Parameter	Specification	Result	Method
Appearance	As specified	Conforms	Visual
SiO2+K2O	SiO2:15%,K2O:12%	Per spec	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
SiO2+K2O	SiO2:15%,K2O:12%	Per spec	ICP-OES

3. Conclusion

RESULT: PASS — APPROVED FOR RELEASE

Potassium Silicate 15% SiO2 Liquid 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