



东营源升化工有限公司

Dongying Yuansheng Chemical Co., Ltd

CERTIFICATE OF ANALYSIS

(COA) | Product: Silica sol (Colloidal silica solution)

Product Name	Silica sol (Colloidal silica solution)	Formula	colloidal SiO ₂ in water
CAS No.	7631-86-9	EC No.	231-545-4
Grade	Industrial grade (alkaline, ~30% SiO ₂)	Molecular Weight	60.08 (SiO ₂) g/mol
Batch No.	YSH-20262701	Net Weight	As per packing list
Production Date	2026-09-20	Test Date	2026-09-22
Expiry Date	2027-09-19	Inspection	Internal / relevant standard

No.	Test Item	Specification	Test Result	Result
1	Appearance	Milky white to translucent liquid	Milky white to translucent liquid	Pass
2	SiO ₂ content, %	29.0 - 31.0	30.2	Pass
3	pH (at 25°C)	9.0 - 10.5	9.8	Pass
4	Density (20°C), g/cm ³	1.19 - 1.21	1.20	Pass
5	Na ₂ O, %	≤ 0.6	0.4	Pass
6	Viscosity (25°C), mPa·s	≤ 10	6	Pass

Conclusion: The above test results show that this batch of product complies with the specified grade requirements and is approved for release.

Tested by (QC):

Checked by (QC Supervisor):

Approved by (Quality Mgr.):

Date: 2026-09-22

Date: _____

Date: _____

Valid only with the official quality inspection seal of Dongying Yuansheng Chemical Co., Ltd. Issued solely for the batch shown.