Sample Certificate of Analysis

This document shows the batch certificate format issued with every Vistamatt shipment. Three grades are reproduced here as examples. A COA for your specific grade and batch is available on request, before or after ordering.

What is on every COA. Each certificate lists the test item, the unit, the internal specification the batch is released against, and the measured result. Testing follows HG/T 3061-2020. Results are from the production batch supplied, not from a reference sample.

Batch numbers and personnel names in this sample document have been replaced for publication. The certificate issued with a shipment carries the actual batch number, sampling date and signatures.

Certificate of Analysis — VS660

Product	Silica flatting agent	**Grade**	**VS660**
Batch no.	SAMPLE-260716	**Sampling date**	2026-07-16
Application	Waterborne clear wood coatings	**Surface treatment**	Wax treated
CAS no.	7631-86-9	**Test standard**	HG/T 3061-2020

Test results

No.	Test item	Unit	Specification	Result
1	Appearance	—	White powder / granule	**Powder**
2	Whiteness	%	≥95	**97**
3	SiO_2 purity (after ignition)	%	≥98	**99.5**
4	Particle size (D50)	μm	5.0-5.5	**5.2**
5	pH (5 % suspension)	—	6.5-7.5	**6.9**
6	Heating loss (105 °C, 2 h)	%	≤5	**3.8**
7	Ignition loss (1000 °C, 2 h)	%	≤10	**8.1**
8	Specific surface area (BET)	m^2/g	≥250	**280**
9	Oil absorption (DBP)	ml/100 g	≥280	**290**
10	Pore volume	ml/g	1.6-1.8	**1.8**
11	Bulk density	g/L	—	**110**
12	Soluble salts (as Na_2SO_4)	%	≤1	**0.5**
13	Surface treatment	—	—	**Wax treated**

Tested by	QC Laboratory, Longyan Vista Chemical Co., Ltd.	**Approved by**	QC Manager

Certificate of Analysis — VS1650A

Product	Silica flatting agent	**Grade**	**VS1650A**
Batch no.	SAMPLE-260716	**Sampling date**	2026-07-16
Application	Deep-matte finishes	**Surface treatment**	Wax treated
CAS no.	7631-86-9	**Test standard**	HG/T 3061-2020

Test results

No.	Test item	Unit	Specification	Result
1	Appearance	—	White powder / granule	**Powder**
2	Whiteness	%	≥95	**97**
3	SiO_2 purity (after ignition)	%	≥98	**99.5**
4	Particle size (D50)	μm	6.0-6.5	**6.4**
5	pH (5 % suspension)	—	6.5-7.5	**6.9**
6	Heating loss (105 °C, 2 h)	%	≤5	**3.8**
7	Ignition loss (1000 °C, 2 h)	%	≤12	**9.5**
8	Specific surface area (BET)	m^2/g	≥250	**280**
9	Oil absorption (DBP)	ml/100 g	≥260	**290**
10	Pore volume	ml/g	1.6-1.8	**1.8**
11	Bulk density	g/L	—	**110**
12	Soluble salts (as Na_2SO_4)	%	≤1	**0.5**
13	Surface treatment	—	—	**Wax treated**

Tested by	QC Laboratory, Longyan Vista Chemical Co., Ltd.	**Approved by**	QC Manager

Certificate of Analysis — VS3851

Product	Silica flatting agent	**Grade**	**VS3851**
Batch no.	SAMPLE-260716	**Sampling date**	2026-07-16
Application	Deep-matte, flexible and leather coatings	**Surface treatment**	Untreated
CAS no.	7631-86-9	**Test standard**	HG/T 3061-2020

Test results

No.	Test item	Unit	Specification	Result
1	Appearance	—	White powder / granule	**Powder**
2	Whiteness	%	≥95	**97**
3	SiO_2 purity (after ignition)	%	≥98	**99.5**
4	Particle size (D50)	µm	8.0-9.0	**8.5**
5	pH (5 % suspension)	—	6.5-7.5	**7.0**
6	Heating loss (105 °C, 2 h)	%	≤5	**3.6**
7	Ignition loss (1000 °C, 2 h)	%	≤8	**4.2**
8	Specific surface area (BET)	m^2/g	≥200	**230**
9	Oil absorption (DBP)	ml/100 g	≥320	**350**
10	Pore volume	ml/g	1.3-1.5	**1.5**
11	Bulk density	g/L	—	**80**
12	Soluble salts (as Na_2SO_4)	%	≤1	**0.5**
13	Surface treatment	—	—	**Untreated**

Tested by	QC Laboratory, Longyan Vista Chemical Co., Ltd.	**Approved by**	QC Manager

Requesting a COA

Send the grade and, if you already have material, the batch number printed on the bag. Certificates are issued within 24 hours. For a first order, a COA can be supplied with the sample so that incoming inspection has the reference values before the material arrives.

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