

SAMPLE CERTIFICATE OF ANALYSIS

High-Purity, Low-Silica Limestone

SAMPLE - FOR REFERENCE ONLY

Product	High-Purity, Low-Silica Limestone	Document No.	COA-LS-SAMPLE-002
Product family	Limestone / Calcium Carbonate	Issue date	06 Aug 2026
Country of origin	Egypt	Revision	1.1
Production area	Minya, Egypt	Batch / Lot No.	N/A - Sample document
Product forms	Lumps, granules, powder and aggregate	Order / Shipment	N/A - Sample document

Typical Chemical Analysis

Chemical parameter	Typical result	Unit
Calcium Carbonate (CaCO ₃)	99.60	%
Calcium Oxide (CaO)	56.06	%
Magnesium Oxide (MgO)	0.01	%
Iron Oxide (Fe ₂ O ₃)	0.001	%
Aluminium Oxide (Al ₂ O ₃)	0.001	%
Total Silica (SiO ₂)	0.001	%
Loss on Ignition (LOI)	43.89	%

Typical Physical Properties

Physical property	Typical result	Unit
Brightness	95.0 +/- 1	%
Refractive index	1.59	-
pH value	9.0	-
Bulk density	1.4	g/cm ³
Mohs hardness	3	-
Moisture	0.20	%

Document status. This sample COA presents typical product values from Biliton-approved technical data. It is not a shipment-specific certificate and does not identify a production lot, customer order or shipment.

Shipment COA. The final shipment certificate will state the applicable batch / lot number, order or shipment reference, actual test results, issue date and authorized approval. Natural mineral products may show normal lot-to-lot variation.

Prepared by	Reviewed by	Authorized approval
Quality Control	Technical Department	Name / Signature / Stamp