

EGYPTIAN PHOSPHATE ROCK

MEDIUM-GRADE NATURAL LUMP ORE | P2O5 28% MIN

Origin: Egypt | Supply form: Natural lump phosphate rock | Indicative HS classification: 2510.10

Commercial positioning Raw mineral feedstock for qualified phosphate-processing and fertilizer-manufacturing operations, subject to buyer testing and process approval.	Supply basis Commercial bulk quantities. Loading port, shipment quantity, inspection, Incoterms and delivery schedule are confirmed with each quotation.
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Chemical analysis

Component	Result (%)
P2O5	28 min
CaO	46-47
MgO	0.2-0.5
Fe2O3	1.8-2.0
Al2O3	0.5-0.8
Cl	0.04-0.07
F	2.6-2.8
SO3	1.5-2.0
SiO2	8-12
L.O.I.	7.5-9.0
CO2	5.5-7.0
CaCO3	13-16
O.M.	0.3-0.4
Solubility - 2% citric acid	30-35
Solubility - 2% formic acid	44-47

Particle-size distribution

Size fraction	Result (%)
4.50 mm	0.93
-4.50 + 1.60 mm	13.63
-1.60 + 1.00 mm	7.73
-1.00 + 0.50 mm	15.10
-0.50 + 0.16 mm	33.41
-0.16 + 0.08 mm	15.51
-0.08 mm	13.69
Total	100.00

Trace elements

Element	Result (ppm)
Pb	28-38
Cd	5-6
Ba	623-891
Y	58-99
Zn	255-313
Zr	239
V	169-207

Naturally occurring radionuclides

Radionuclide	Activity (Bq/kg)
U-238	800-1100
Th-232	6-9
K-40	8-11
Cs-137	< 0.2
Ra-226	1100-1400

Quality and compliance note

All values are transcribed from the supplier technical specification supplied to StreamEgy. Zirconium is recorded as Zr at 239 ppm based on commercial clarification. This document is not an independent laboratory certificate. Final acceptance remains subject to destination-country requirements, agreed inspection and/or shipment-specific analysis. No direct-application, fertilizer-grade, feed-grade or regulatory-compliance claim is made.

Commercial enquiries

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