

Sample Certificate of Analysis

Plaster of Paris (POP)

Document No. SCOA-POP-R01	Issue Reference sample	Country of Origin Egypt
Product form White fine powder	Batch / Lot Not applicable - sample	Status Reference only

Specification Results

Property	Result	Unit
Water ratio	70-75	%
Physical state	Powder	
Appearance (color)	White fine powder	
Initial setting time	8-12	min
Final setting time	15-22	min
Fineness on 60 micron sieve	>90 pass	%
Soundness	No appearance of decay, bubbles or holes	
Combined water at 230 C	5-6	%
Compressive strength	>= 11	MPa
Flexural strength	2-5	MPa

Chemical Results

Property	Result	Unit
CaSO4.2H2O (purity, as reported)	>95	%
SO3	46.5	%
CaO	32.00	%
SiO2 / Al2O3 / Fe2O3 (reported together)	0.165	%
Na2O	0.02	%
K2O	0.01	%
MgO	0.021	%
Cl	0.013	%

Quality Control

Name / Signature: _____

Review / Approval

Name / Signature: _____

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