



SHREE GANPATI CHEMICAL & MINERALS

Manufacturer & Exporter Gypsum, Pop, lime, Fly Ash Gypsum, Ball Clay, China Clay, Silica Sand & More Minerals.

IN HOUSE TESTING REPORT

Product Name: - Analysis Report of **Quick Lime (87.5%)**

Testing Date: - 08 July 2020

Test Report No. : - SGCM/1005/20-21



Sr. No.	Specification	Unit	Test Results	Slaking time ratio + Powder Water 1:4	
1.	Appearance	Visual	White of	Times in Minutes	Temperature (C)
2.	Available Lime As CAO	%	69.96	Qat Start	20.07
3.	Available Lime As CA(OH) ₂	%	N.A.	5	30.75
4.	Acid Insoluble (sio ₂)R ₂ O ₂	%	1.80	10	36.65
5.	Moisture as free water	%	N.A.	15	39.15
6.	Magnesium as MGO	%	2.72	20	46.05
7.	R ₂ O ₃ A ₅ (Al ₂ O ₁ +Fe ₂ O ₂)	%	N.A.	25	51.75
8.	Aluminum Oxide AS(AL ₂ O ₃)	%	N.A.	30	53.15
9.	Particle Size (mesh)100Bss	%	98.85	35	-
10.	Residue +100 Bss	%	1.25	40	-
11.	LOI (Loss of Ignition)	%	6.15	-	-

Method of slaking reactivity of Quick Lime: -

Take 150gm **Quick lime Powder** of 100 Mesh & 600ml water at 20+0.7 input of slaking, note the time & Temperature ratio.

Note: - 1. Lime tested as per ISI 1514 Sugar Method Percentage by Mass.

2. The Above reports has been tested on request of concern party.

3. No Liability accepted for in disputes cases arising in joint testing /results
Due to it is hygroscopic minerals etc.



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20 KHM, BALLAR ROAD, DANTOR, BIKANER (RAJASTHAN)