

CERTIFICATE OF ANALYSIS

Product	Calcium Carbonate
Grade	Coral

Report No.	Batch No.	Batch Qty.	Mfg.: Date	Exp: Date	Quantity
#08/25-26	#08/25-26	3000 kg	Aug-2025	5 Years	100 gm

TEST RESULTS

S. NO	TEST PERFORMED	LIMIT	RESULTS
1	DESCRIPTION	Native Calcium Carbonate derived from coral sand deposits & Calcareous Shells. White amorphous earthy, soft to touch.	Complies
2	SOLUBILITY	Practically insoluble in water slightly soluble in water containing CO ₂ .	Complies
3	IDENTIFICATION	A) Gives reaction of calcium salts B) Gives reaction of carbonates.	Complies
4	ACIDITY OR ALKALINITY	1g. boiled with 50ml. of water and filtered, yields a filtrate which is neutral to bromothymol blue solution or required NMT 0.05ml. of 0.1M HCL	Complies
5	ARSENIC	NMT 4 ppm	Complies
6	HEAVY METALS	NMT 40 ppm	Complies
7	CHLORIDES	NMT 330 ppm	Complies
8	SULPHATE	NMT 0.12%	Complies
9	LOSS ON DRYING	NMT 1.0% @ 105°C	0.23%
10	ASSAY AS CaCO ₃	NLT 97.0 % & NMT 100.5% - CaCO ₃	98.84%
11	Total calcium (as ca)	NLT 39.2 & NMT 40.2	39.40
REMARK— The above material passes as per I.H. Specification.			

Analyzed By	Approved By
Kalpesh Nadiya	Kiran Mistry
	