

	<div>ART VATIKA INSTITUTE</div>		
One Stop Solution to all Your Cosmetic Needs			
Material Name	Calamine	Batch No.	280
Analytical Report No	06-12-2023	Mfg Date	December 2023
Grade	--	Exp Date	Nov 2028
Manufacturer	Art Vatika		
S. No.	Test Parameter	Specification	Result
1	Appearance	A fine, amorphous, impalpable, pink or reddish brown powder.	COMPLIES
2	Solubility	Insoluble in water and in alcohol, soluble in solution of alkali hydroxides and dil. mineral acids.	COMPLIES
		LIMIT	
	PROPERTIES	Min.	Max.
	Identification		
3	(A)	A solution in dil. hydrochloric acid gives the reaction of zinc salts.	complies
4	(B)	Shake 1g with 10ml of Dil. HCL, heat to boiling and filter. to the filtrate add few drops of ammonium Thiocyanate sol. a reddish color is produced.	complies
5	Alkaline substances	Assay	complies
6	Acid insoluble substances	%01	complies
7	Water soluble Dyes	Filtrate is colorless	complies
8	Ethanol soluble Dyes	Filtrate is colorless	complies
8	Soluble Barium salt	The solution remain clear	complies
9	Arsenic	PPM08	complies
10	Lead	The sol. remains clear for 5 minutes.	complies
11	Calcium	solution remains clear	complies
12	Chloride	PPM0750	complies
13	Sulfate	%00.6	complies
14	Loss on ignition	%02.0	0.66%
15	Assay	%98.0100.5	98.73%
Chemical Name :			
CAS Number :			
			Approved By
Opinion: The sample Complies with prescribed standard of quality with respect to above tests.			
			