



MML ANALYTICAL LABORATORY

ISO 9001 : 2015 CERTIFIED



DATE: 21.04.2021

S.NO./ MML / LAB. /CL Number : 170
 Sample registration number : A-230
PARTICULARS OF SAMPLE SUBMITTED :
 Name of the party : **SHREE SAGAS MINES & MINERALS**
 Address : ASIND (RAJ.)
 Party Reference No. : 200 #
 Sample Received on : 19.04.21
 Nature of sample submitted by party : SODIUM FELDSPAR POWDER-200 MESH
 Physical form : POWDER
 Quantity : 500 Gm approx
 Packing : Polythene bag

RESULT OF THE SAMPLE SUBMITTED BY YOU ARE AS UNDER :

Chemical Analysis			Physical Properties	
Compound		Results %	Name of test	Results %
Loss On Ignition	(LOI)	0.340	Firing Whiteness	64.10
Silica	(SiO ₂)	69.89	L-Value	84.15
Iron	(Fe ₂ O ₃)	0.073	a-Value	0.03
Alumina	(Al ₂ O ₃)	18.45	b-Value	4.05
Potash	(K ₂ O)	0.530	Shrinkage	10.55
Soda	(Na ₂ O)	10.050		
Calcium Oxide	(CaO)	0.290	Particle size Distribution	
Magnesium Oxide	(MgO)	0.074	+200 MESH (74 microns)	0.95
Phosphorus Oxide	(P ₂ O ₅)	0.017	+240 MESH (63 microns)	2.00
Titanium	(TiO ₂)	0.034		
Minerological Composition				
Albite	(NaAlSi ₃ O ₈)	85-86		
Orthoclase	(KAlSi ₃ O ₈)	3-3.50		
Anorthite	(CaAl ₂ Si ₂ O ₈)	1.0-1.50		
Kaolinite	(Al ₂ O ₃ ·2H ₂ O)	0.50		
Quartz	(Free SiO ₂)	9-10		

Note:

FOR MML ANALYTICAL LAB.



NOTE :

SAMPLE WILL BE DESTROYED AFTER REPORTING OF 3 DAYS.
 SAMPLE WILL BE PRESERVED FOR MAXIMUM PERIOD OF ONE MONTH ON THE PARTY'S REQUEST ON CHARGE BASIS.
 WE WILL NOT BE A PARTY TO ANY LEGAL PROCEEDINGS.