



Date : 23/03/2023

NAME OF PARTY	INDUS MINE CHEM
	MO.NO 98982 81013
SAMPLE NAME & CODE	QUARTZ POWDER
TEST REQUIREMENT	PHYSICAL & CHEMICAL ANALYSIS
REFERANCE NO.	846/LB23/03
DATE OF RECEIVED	20-03-23



## Test Report

### Physical Properties

Name of test	Result
Shrinkage %	EXP - 0.05
Loss On Ignition %	0.47
Residue 300 # %	0.42
L*	96.85
a*	0.61
b*	1.72
Whiteness	91.82
Temperature C	1190/1201
Cycle Min.	48

### Chemical Analysis

Compound	Result %
SiO <sub>2</sub> %	99.04
Al <sub>2</sub> O <sub>3</sub> %	0.34
Fe <sub>2</sub> O <sub>3</sub> %	0.02
TiO <sub>2</sub> %	Trace
CaO %	0.04
MgO %	Trace
K <sub>2</sub> O %	0.04
Na <sub>2</sub> O %	0.07
Loss on Ignition %	0.36

For, MICRO TECH LAB.

