

## MOUKTIK (MUKTA) BHASMA

Monograph No. – 020010 ver 3.0

Issue No: 03

Date of Issue: 22/03/2018

Text Reference : Rasatarangini 23/71

Amendment No : 02

Amendment Date : 08/06/2024

Shelf Life: - 10 years

### Description

A fine powder, White to off white colour, odourless, tasteless.

### Sieve Test

Passes 100 mesh

### Loss on Drying at 105°

Not more than 0.5 % w/w

### Loss on Ignition at 800°

Not more than 45 % w/w

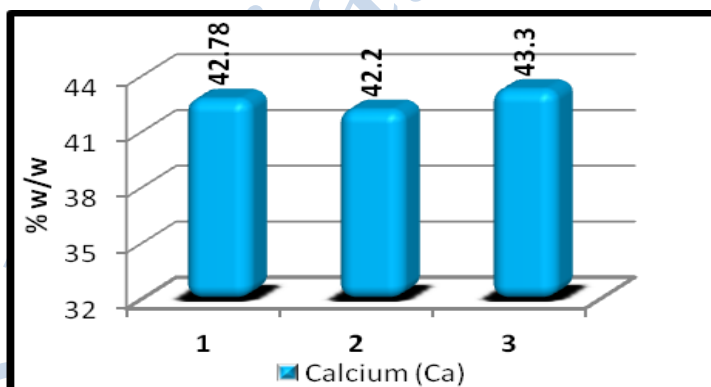
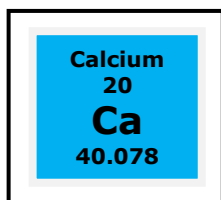
### Acid Insoluble Ash

Not more than 1 % w/w

### Elemental assay

#### Calcium (Ca)

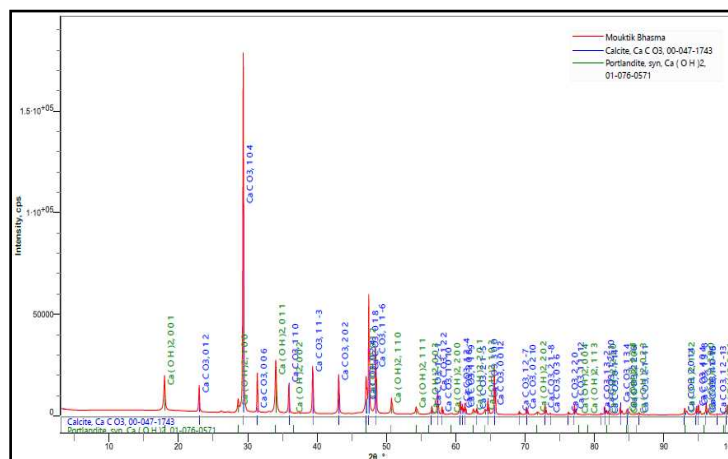
35 - 45 % w/w



**Graphical Representation of Calcium Content in Mouktik (Mukta) Bhasma (Batch to Batch Consistency) by ICP-OES**

### XRD Profile <sup>†</sup>

Confirms the presence of major phases with characteristic peaks of  $\text{CaCO}_3$  &  $\text{Ca}(\text{OH})_2$ .



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Note : <sup>†</sup> : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

<b><i>E. coli</i></b>	Absent/g
<b><i>P. aeruginosa</i></b>	Absent/g
<b><i>Salmonella sp.</i></b>	Absent/g
<b><i>Staphylococcus sp.</i></b>	Absent/g
<b>Total Microbial plate count (TPC)</b>	NMT 10 <sup>5</sup> c.f.u./g
<b>Total Yeast &amp; Mold count (TYMC)</b>	NMT 10 <sup>3</sup> c.f.u./g
<b>Ayurvedic Parameter</b>	
<b>Rekhapurnatwa</b>	Rekhapurna
<b>Teekshnatwa</b>	Teekshnatwa abhav