

MOUKTIK (MUKTA) PISHTI

Monograph No. – 060001 ver 3.0

Issue No: 03

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Text Reference : Siddhayogasangraha

Amendment No : 01

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Shelf Life: - 10 years

Description

A fine powder, Off white to white colour, odourless, tasteless.

Sieve Test

Passes through 100 mesh

Loss on Drying at 105°C

Not more than 2.0 % w/w

Ash at 450°C

Not less than 75.0 % w/w

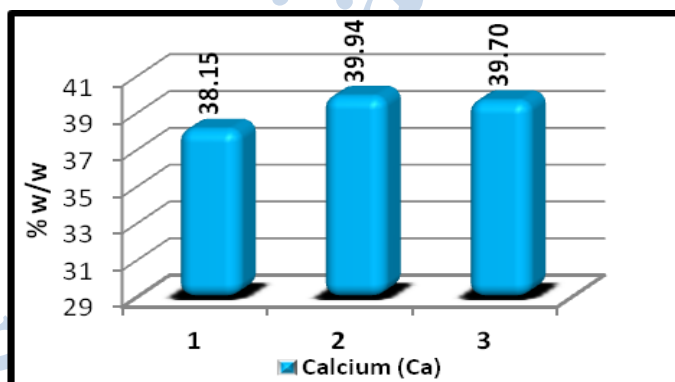
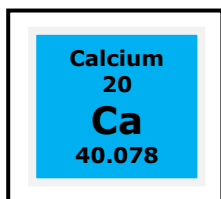
Acid Insoluble Ash at 450°C

Not more than 5.0 % w/w

Elemental assay

Calcium (Ca)

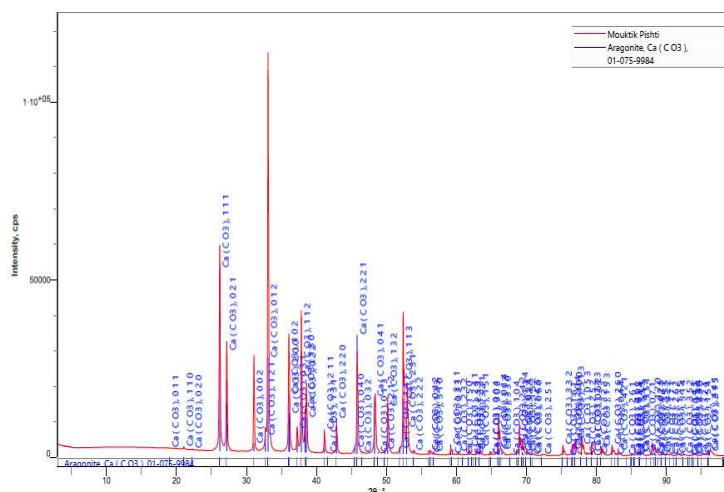
30.0 – 40.0 % w/w



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

XRD Profile [†]

Confirms the presence of major phase with characteristic peaks of CaCO₃.



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Note : [†] : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

<i>E. coli</i>	Absent/g
<i>P. aeruginosa</i>	Absent/g
<i>Salmonella sp.</i>	Absent/g
<i>Staphylococcus sp.</i>	Absent/g
Total Microbial plate count (TPC)	NMT 10 ⁵ c.f.u./g
Total Yeast & Mould count (TYMC)	NMT 10 ³ c.f.u./g
Pesticide Residue[†] (OC+OP)	Complies as per API
Aflatoxins B1,B2,G1,G2[†]	Complies as per API