JAHARAMOHARA PISHTI

Monograph No. – 060004 *ver 3.0*

Issue No: 03
Date of Issue: 31/07/2021
Text Reference : AFI Part II, 13:2

Amendment No : 01
Amendment Date : 18/07/2024
Shelf Life: 10 years

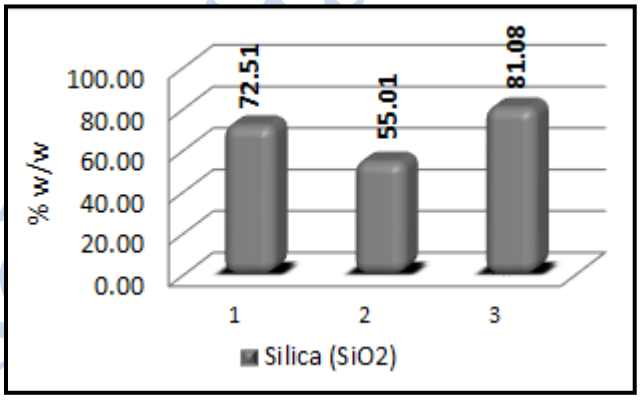
Description	Off white to grayish white color fine powder, characteristics odour, tasteless
Sieve Test	Passes through 100 mesh
Loss on Drying at 105^{0}C	Not more than 1 % w/w
Ash at 450^0 C	Not less than 75 % w/w
Acid Insoluble Ash at 450^0 C	Not less than 75 % w/w
pH (1% aq. solution)	6.0 – 9.0



Elemental Assay

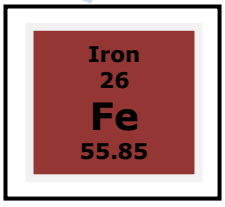
Silica (SiO_2) — **Not less than 30 % w/w**

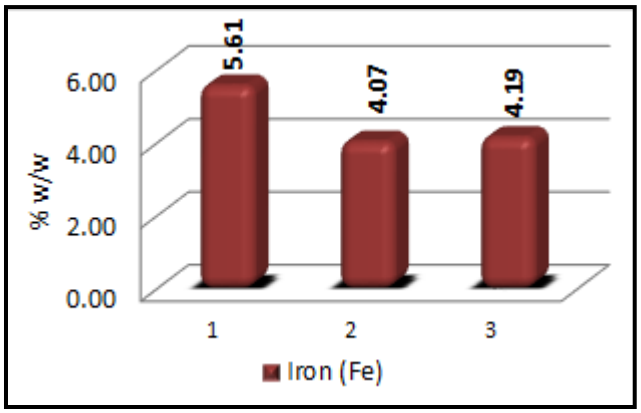




Graphical Representation of Silica Content in Jaharmohra Pishti (Batch to Batch Consistency)

Iron (Fe) — **Not less than 3.5 % w/w**





Graphical Representation of Iron Content in Jaharmohra Pishti (Batch to Batch Consistency) by ICP-OES

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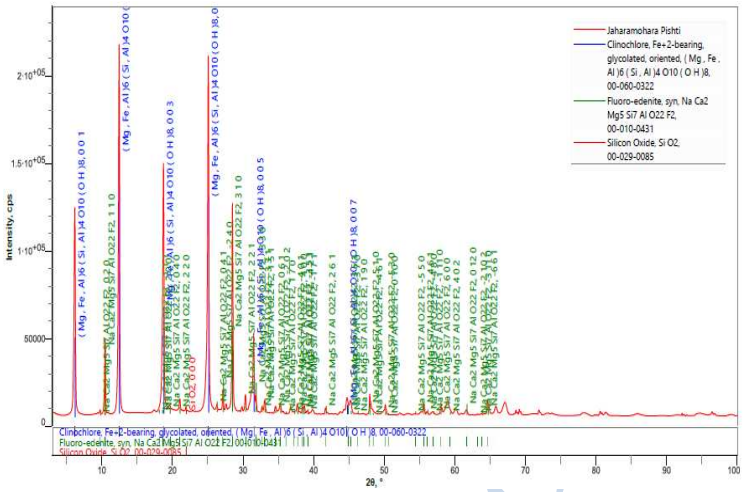
Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

XRD Profile †	Confirms the presence of major phase with characteristic peaks of $(Mg, Fe, Al)_6 (Si, Al)_4 O_{10} (OH)_8$.



E. coli	Absent/g
P. aeruginosa	Absent/g
Salmonella sp.	Absent/g
Staphylococcus sp.	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

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