

NAGA BHASMA

Monograph No. – 020013 ver 3.0

Issue No: 03

Date of Issue: 22/03/2018

Text Reference : Rasatarangini 19/29-33

Amendment No : 00

Amendment Date : --

Shelf Life: 5 years

Description

A fine powder, Black colour, odourless, tasteless.

Loss on Drying at 105°

Not more than 1 % w/w

Loss on Ignition at 450°

Not more than 2 % w/w

Acid Insoluble Ash

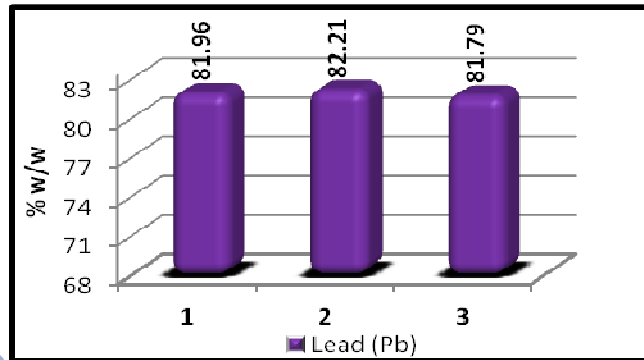
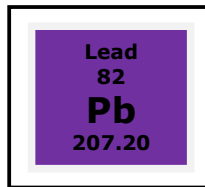
Not more than 75 % w/w



Elemental assay

Lead (Pb)

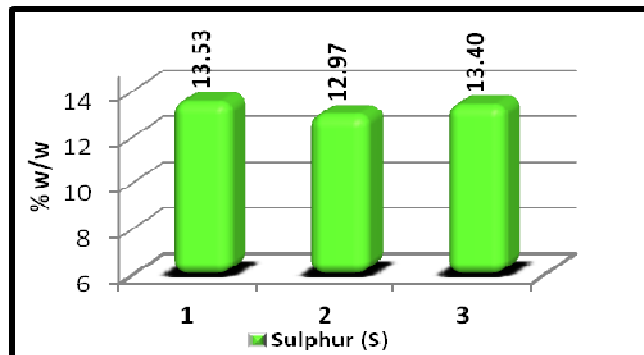
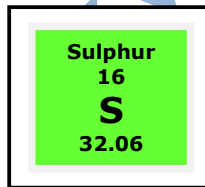
72 - 86 % w/w



Graphical Representation of Lead Content in Naga Bhasma (Batch to Batch Consistency)

Sulphur (S)

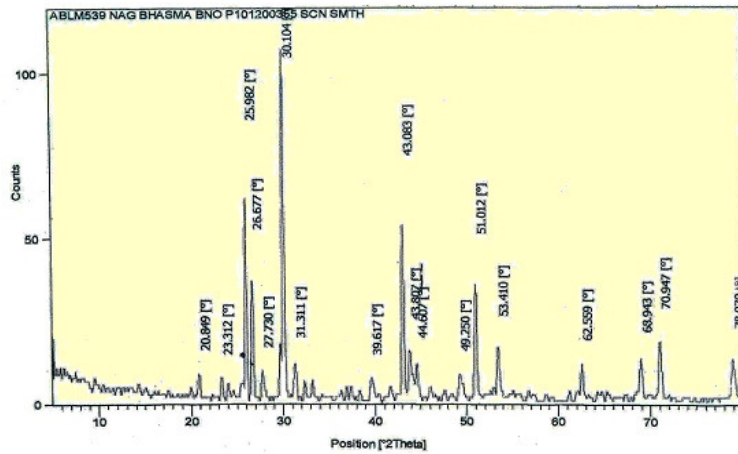
10 - 20 % w/w



Graphical Representation of Sulphur Content in Naga Bhasma (Batch to Batch Consistency)

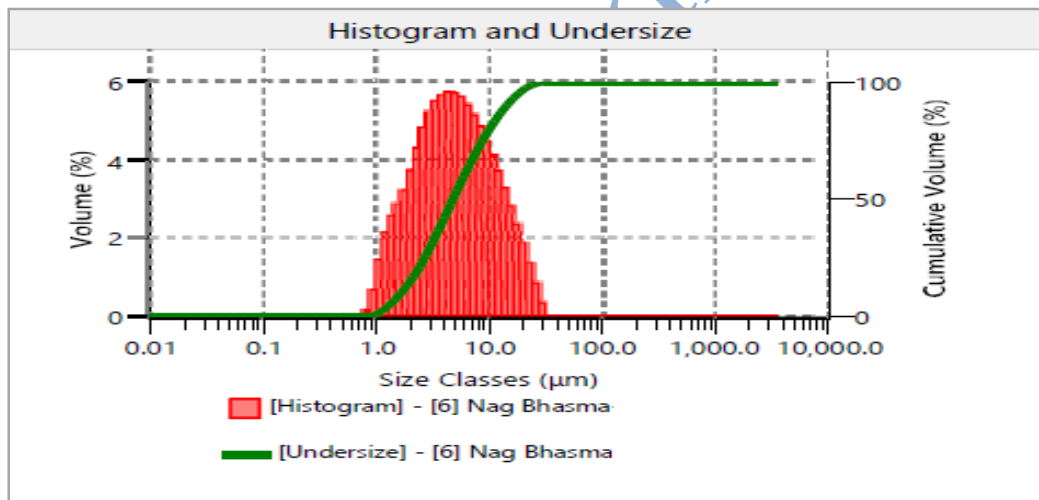
XRD Profile +

Confirms the presence of characteristic peak of PbS



Particle Size Distribution +

Sr. No.	% Particle	Size (µm)
I	10%	< 2 µm
II	50%	< 5 µm
III	90%	< 15 µm



Histogram of Naga Bhasma

Acute Toxicity

Non toxic when single dose (10 x therapeutic dose) administered orally

E. coli +

Absent/g

P. aeruginosa +

Absent/g

Salmonella sp. +

Absent/g

Staphylococcus sp. +

Absent/g

Total Microbial plate count (TPC) +

NMT 10⁵ c.f.u./g

Total Yeast & Mould count+

NMT 10³ c.f.u./g

Pesticide Residue + (OC+OP)

Complies as per API

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Aflatoxins B1,B2,G1,G2 [†] Complies as per API

Ayurvedic Parameter

Rekhapurnatwa Rekhapurna

Varitaratwa Varitar

Unmanatwa Unama

Apunarbhava Apunarbhavta

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