

TRIVANGA BHASMA

Monograph No. – 020020 ver 3.0

Issue No: 03

Date of Issue: 22/03/2018

Text Reference : Bharat Bhaishajya Ratnakar 2/2758

Amendment No : 03

Amendment Date : 08/06/2024

Shelf Life: - 5 years

Description

A fine powder, Dark gray to black colour, odourless, tasteless.

Sieve Test

Passes 200 mesh

Loss on Drying at 105°

Not more than 2 % w/w

Loss on Ignition at 800°

Not more than 5 % w/w

Acid Insoluble Ash

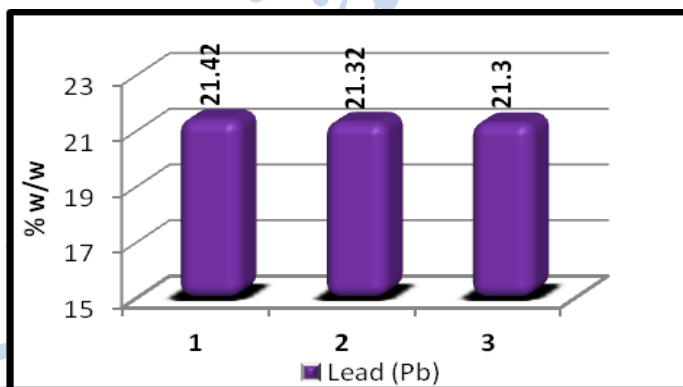
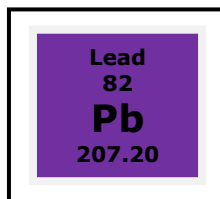
Not more than 40 % w/w

Elemental assay



Lead (Pb)

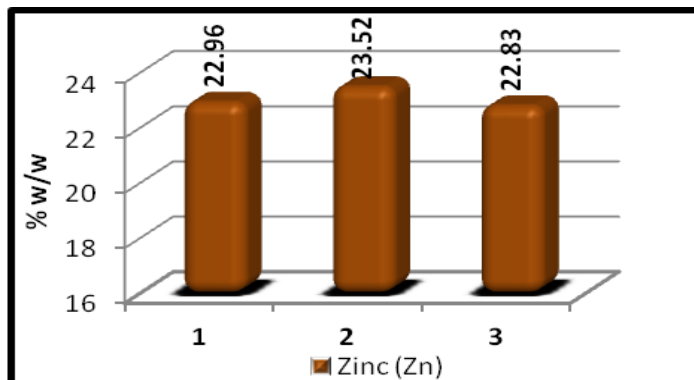
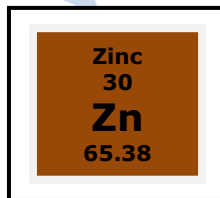
21 – 26 % w/w



Graphical Representation of Lead Content in Trivanga Bhasma (Batch to Batch Consistency) by ICP-OES

Zinc (Zn)

21 – 27 % w/w

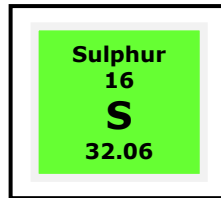


Graphical Representation of Zinc Content in Trivanga Bhasma (Batch to Batch Consistency) by ICP-OES

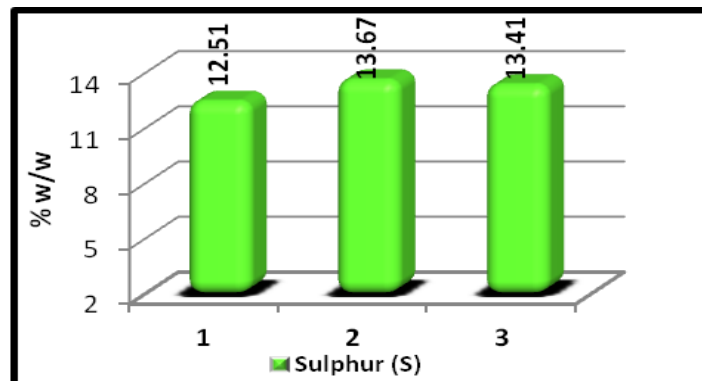
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Note : † : These extra tests can be performed on every batch at extra cost. Tests can be ascertained on request.

Sulphur (S)



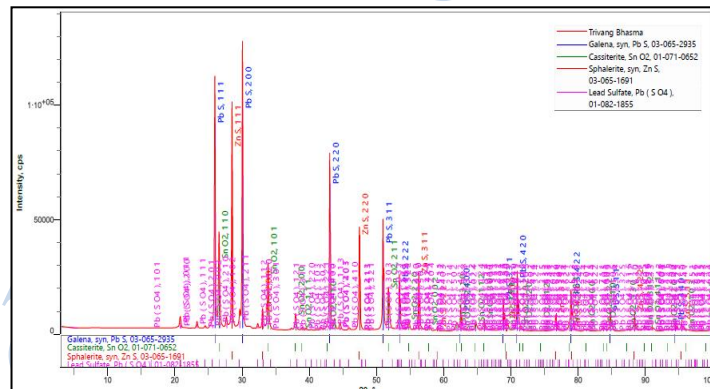
Not less than 10 % w/w



Graphical Representation of Sulphur Content in Trivanga Bhasma (Batch to Batch Consistency) by ICP-OES

XRD Profile [†]

Confirms the presence of major phases with characteristic peaks of PbS, PbSO₄, ZnS & SnO₂.



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 & Mold count (TYMC)

NMT 10³ c.f.u./g

Ayurvedic Parameter

Rekhapurnatwa

Rekhapurna

Varitaratwa

Varitar

Unmanatwa

Unmana

Nirutthatwa

Niruttha

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