

RAJATA BHASMA

Monograph No. – 020015 ver 3.0

Issue No: 03

Date of Issue: 22/03/2018

Text Reference : Rasatarangini 16/26-28

Amendment No : 02

Amendment Date : 08/06/2024

Shelf Life: - 10 years

Description

A fine powder, Grayish black to Black colour, odourless, tasteless.

Sieve Test

Passes 200 mesh

Loss on Drying at 105°

Not more than 1 % w/w

Loss on Ignition at 800°

Not more than 20 % w/w

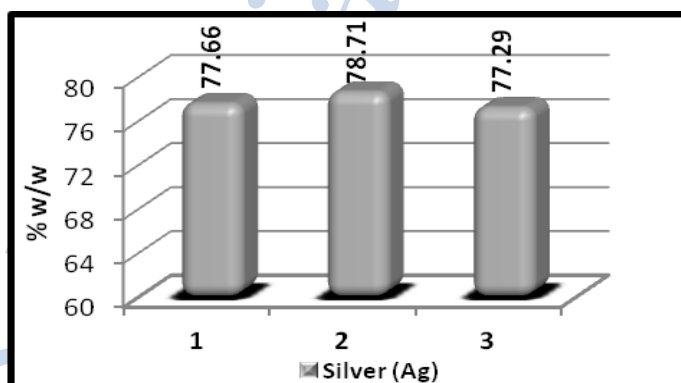
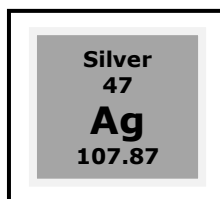
Acid Insoluble Ash

Not more than 90 % w/w

Elemental Assay

Silver (Ag)

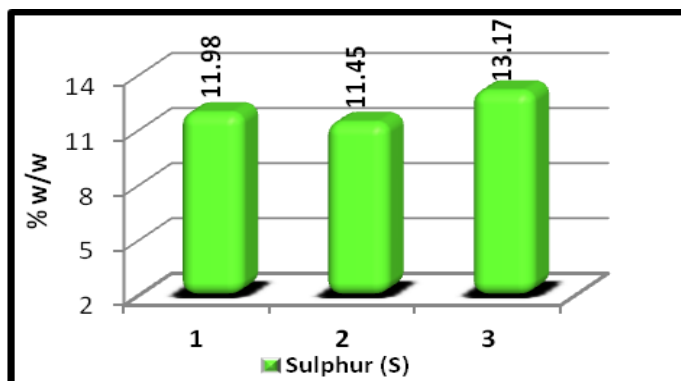
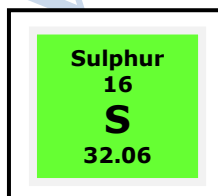
70 - 90 % w/w



Graphical Representation of Silver Content in Rajata Bhasma (Batch to Batch Consistency) by ICP-OES

Sulphur (S)

10 - 20 % w/w



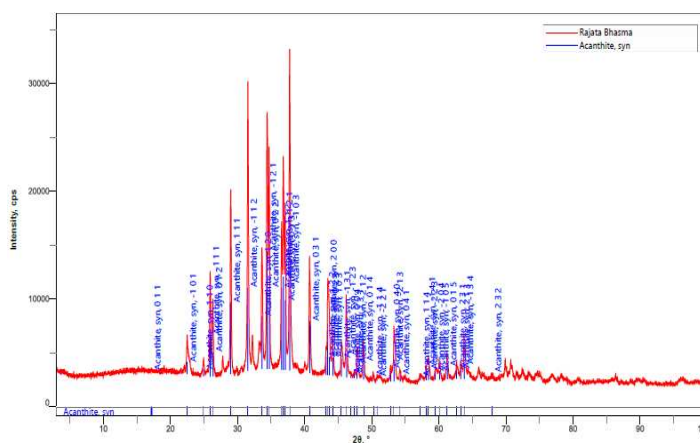
Graphical Representation of Sulphur Content in Rajata Bhasma (Batch to Batch Consistency) by ICP-OES

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

XRD Profile [†]

Confirms the presence of major phase with characteristic peaks of Ag₂S.



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

Unmantwa

Unmana

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