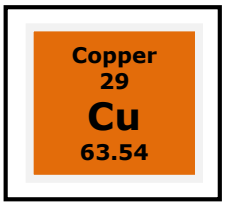
TAMRA BHASMA

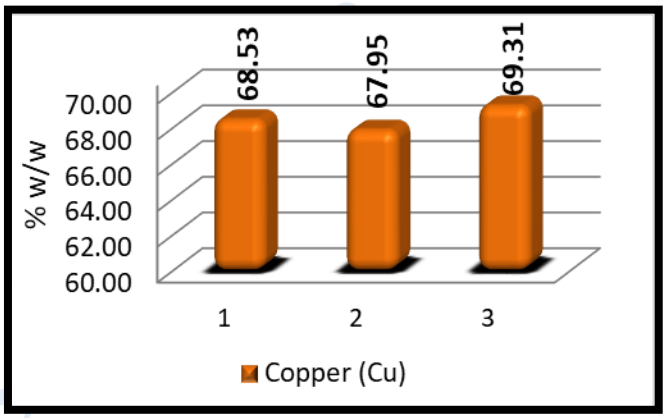
Monograph No. – 020019 *ver 3.0*

Issue No: 03
Date of Issue: 22/03/2018
Text Reference : Rasaratnasamuchchaya 5/53

Amendment No : 02
Amendment Date : 15/09/2021
Shelf Life: 5 years

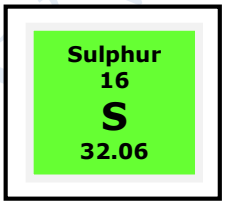
Description	A fine powder, Black colour, odourless, tasteless.
Loss on Drying at 105⁰	Not more than 2 % w/w
Loss on Ignition at 800⁰	Not more than 25 % w/w
Acid Insoluble Ash	Not more than 10 % w/w
Elemental assay	
Copper (Cu)	**58 - 71 % w/w**

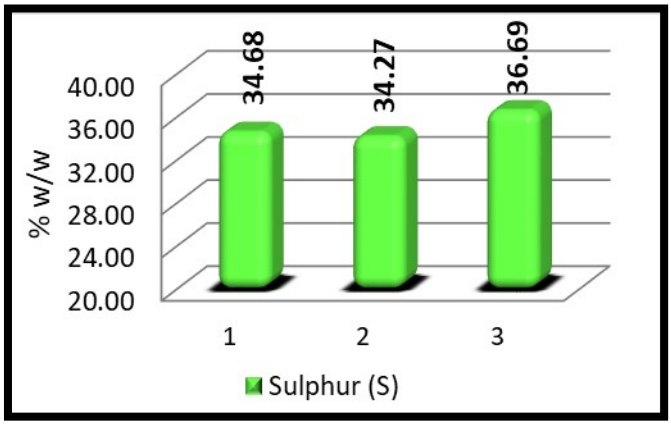




Graphical Representation of Copper Content in Tamra Bhasma (Batch to Batch Consistency) by ICP-OES

Sulphur (S) **31 - 39 % w/w**





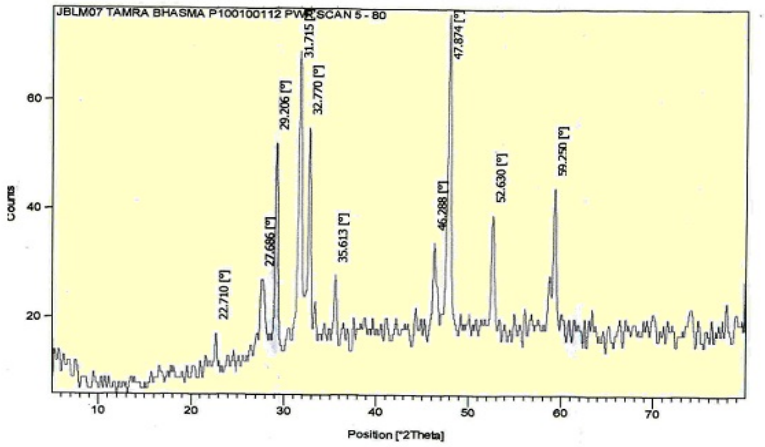
Graphical Representation of Sulphur Content in Tamra Bhasma (Batch to Batch Consistency) by ICP-OES

Confidential - photocopy prohibited

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

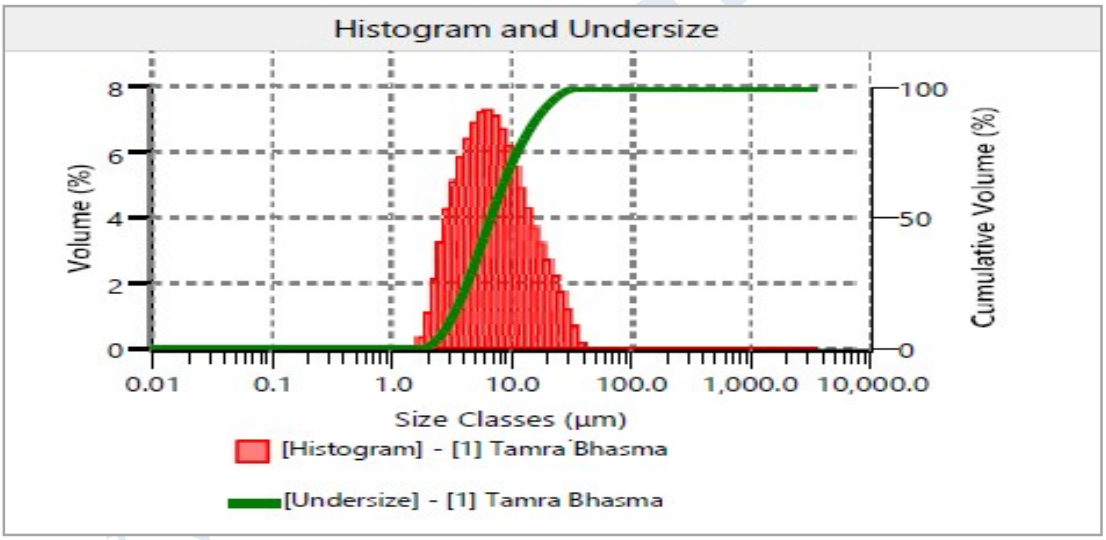
XRD Profile +

Confirms the presence of characteristic peak of CuS



Particle Size Distribution +

Sr. No.	% Particle	Size (µm)
I	10%	< 4 µm
II	50%	< 7 µm
III	90%	< 18 µm



Histogram of Tamra 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 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

Confidential - photocopy prohibited

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

Ayurvedic Parameter

Rekhapurnatwa	Rekhapurna
Varitaratwa	Varitar
Unmanatwa	Unmana
Apunarbhavatwa	Apunarbhav
Dadhi Pariksha	No green colour should be produced

www.sdlindia.com

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