

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07  
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## CERTIFICATE OF ANALYSIS

Product:	Bentopharm Food Additive	Lab Reference:	11418/22
Batch No:	NG10644	Manufacture Date:*	Start Mar 2023 Finish Mar 2023
Test Date:	Mar 2023	Expiry Date:	Mar 2028

Test	Method	Specification	Results
Characteristics	BP(93)	As BP (93)	Satisfactory
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Loss on Drying	BP(93)	≤ 15%	8.00 %
Heavy Metals	BP(93)	≤ 50ppm	< 50.0 mg/kg
Viscosity	In House Method	n/a	616 cps
pH	In House Method	n/a	8.0
Sedimentation Volume	BP(93)	≤ 2ml	<2 ml
Swelling Power	BP(93)	≥ 22ml	28.0 ml
Coarse Particles	BP(93)	≤ 0.5%	< 0.2%
Alkalinity	BP(93)	Discolours in 5 minutes	Satisfactory

### Comments

"The sample complies with the specification for Bentonite in the British Pharmacopoeia 1993"

\*Material is produced in continuous batches of 24-72MT. A composite sample is taken from this production run and is sent for testing when the entire batch is completed. It is for this reason that the bags may state the month prior to the test month.

For the determination of the viscosity 80.0g of the sample was mixed with 1000ml of distilled water using a Copley Diach 900 (or similar) at a maximum setting for 20 minutes, then allowed to stand for 24 hours. The pH measurement was also taken from that sample.