

# INFORMATION SHEET

**Wilfrid Smith**  
LIMITED  
INCORPORATING  
**BROMHEAD & DENISON**

## CERTIFICATE OF ANALYSIS

Supplier: Wilfrid Smith Limited      Test Laboratory: Instant Analysis  
Product: Bentopharm Standard Food Additive      Lab Reference: 4024  
Batch No: NG9834      Manufacture Date: \* Start Nov 2020  
Finish Dec 2020  
Test Date: Dec 2020      Expiry Date: Dec 2025

Test	Method	Specification	Results
Characteristics	BP(93)	As BP (93)	Satisfactory
Identification	BP(93)	As BP (93)	Satisfactory
Loss on Drying	BP(93)	≤ 15%	6.43 %
Heavy Metals	BP(93)	≤ 50ppm	< 50 mg/kg
Viscosity	In House Method	n/a	663 cps
pH	In House Method	n/a	9.13
Sedimentation Volume	BP(93)	≤ 2ml	1.23 ml
Swelling Power	BP(93)	≥ 22ml	24.1 ml
Coarse Particles	BP(93)	≤ 0.5%	< 0.14%
Alkalinity	BP(93)	Discolours in 5 minutes	Satisfactory
Arsenic (As)		Less than 2 mg/kg	<0.2 mg/kg
Lead (Pb)		Less than 20 mg/kg	<1.0 mg/kg

### 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 Diapax 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.



Caroline Hansford  
Regulatory Manager

The above information is given in good faith, but we disclaim responsibility for the results of using the products in question and the information cannot be construed to infringe any patents. Specifications are given to the best of our knowledge but are subject to variation.



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