
Certificate of Analysis

(Representative Sample Certificate)

Product Name: Bentonite
INCI Name: Bentonite, Water
CAS Number: 1302-78-9, 7732-18-5
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 36 months from production date

Property	Specification	Result
pH (5% Solids) (Method: USP <791>)	9.5 - 10.5	9.63
Viscosity (5% Solids) (Method: Current Volume USP/NF)	200 - 1000cps	440 cps
L.O.D. (Method: USP <731>)	5.0 - 8.0%	6.3%
Fineness of Powder (Method: Current Volume USP/NF)	No grit	None felt
Free Swell (Method: Current Volume USP/NF)	24 mLs MIN	29 mLs
Gel Formation (Method: Current Volume USP/NF)	2.0 mLs MAX	0 mLs
Arsenic (Method: ASG-CWC-SW106/ASG-ICP-103)	5 ppm MAX	<1.0 ppm
Lead (Method: ASG-CWC-SW106/ASG-ICP-103)	40 ppm MAX	12.0
I.D. Glycol Oriented (Method: Current Volume USP/NF)	15.0 - 17.2 A	16.98 A
I.D. Random powder (Method: Current Volume USP/NF)	1.492 - 1.504 A	1.496 A
Brightness (Method: TP 6058)	78 MIN	87.41

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

Microbial Limits		
Aerobic Plate Count (Method: USP <61/62>)	<10 CFU/g	<10 CFU/g
Yeast & Mold (Method: USP <61/62>)	<10 CFU/g	<10 CFU/g
P. aeruginosa (Method: USP <61/62>)	Negative/10g	Negative/10g
S. aureus (Method: USP <61/62>)	Negative/10g	Negative/10g
E. Coli (Method: USP <61/62>)	Negative/10g	Negative/10g
Gram Negatives (Method: USP <61/62>)	Negative/10g	Negative/10g
Salmonella (Method: USP <61/62>)	Negative/10g	Negative/10g

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.”

This report is not to be signed.

All data are as per our supplier.

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