

\_\_\_\_\_

## **Certificate of Analysis**

(Representative Sample Certificate)

Product Name: Bentonite

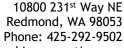
INCI Name: Bentonite, Water
CAS Number: 1302-78-9, 7732-18-5

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

<u>Disclaimer</u>: 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 themself as to the suitableness & completeness of such information for their own particular use.





Phone: 425-292-9502 makingcosmetics.com

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

"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.

<u>Disclaimer</u>: 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 themself as to the suitableness & completeness of such information for their own particular use.