



**Certificate of Analysis
 (Representative Sample Certificate)**

Product Name **BLACK AMETHYST**

Batch/Lot **Not available (data may vary slightly with different lots or batches)**

Manuf.Date **N/A**

Characteristic	Result	UOM	-----Specification-----	
			Minimum	Maximum
Mica	36.70	%	35.70	58.50
TiO2	36.21	%	30.00	42.00
Iron Oxides as Fe3O4	17.10	%	11.00	19.00
Carmines	1.79	%	0.50	3.30
pH	7.44		6.00	9.00
TS	99.46	%		
Bulk Color	Pass			
Appearance	Pass			
Antimony	PASS<2 PPM			
Arsenic	PASS<1 PPM			
Barium	PASS<100 PPM			
Cadmium	PASS<1 PPM			
Chromium	PASS<80 PPM			
Cobalt	PASS<10 PPM			
Copper	PASS<50 PPM			
Lead	PASS<10 PPM			
Mercury	PASS<1 PPM			
Nickel	PASS<50 PPM			
Selenium	PASS<10 PPM			
Zinc	PASS<100 PPM			
Pseudo. aeruginosa	PASS:NEGATIVE			
Staph. aureus	PASS:NEGATIVE			
gm negative bacteria	PASS:NEGATIVE			
Yeast & mold	PASS<100 cfu/g			
Aerobic bacteria	PASS<100 cfu/g			

Characteristic	Result	UOM	-----Specification-----	
			Minimum	Maximum
E.coli	PASS:NEGATIVE			
Production Master Standard:	NOT APPLICABLE			

The information contained herein is based either on analytical tests of samples or on statistical process data; it is intended solely for purposes of comparison with the established specifications for the product. Warranties of the product are exclusively as set forth in the applicable contract documents.

THIS CERTIFICATE OF ANALYSIS HAS BEEN PRODUCED ELECTRONICALLY AND IS VALID WITHOUT A SIGNATURE.

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Manuf.Date	N/A

Comments :

Note: Trace metal results for batches manufactured after 19, Sept. 2014, reflect total product analysis.

The color additive component in the product meets with applicable US FDA (21 CFR), China Hygienic Standard for Cosmetics (ver. 2007), and EU Cosmetic Regulation EC/1223/2009 specifications and purity criteria. We recommend that appropriate use be confirmed against each region's current cosmetic regulations governing color additives.

Organic Colorant: None other than Carmine

Some data may be indicative of a QC Batch.