

Zeodorizer, LLC

Prop 65

California OSHA instructions state, “In products containing $\geq 1.0\%$ crystalline silica, labels shall include product identifier, signal word, hazard statement(s), pictogram(s), precautionary statement(s), and name, address, and telephone number of the chemical manufacturer, importer, or other responsible party [29 CFR 1910.1200(f)]. For products containing between 0.1% and 1.0% crystalline silica, the label warning information is optional [29 CFR 1919.1200 Table A.6.1].”

Zeodorizer Results :

DCM NO.	CLIENT SAMPLE NO.	SAMPLE WEIGHT (mg)	MEASURED QUARTZ (mg)	PERCENT PASSING	PERCENT RESP. SILICA
-1	ZEODORIZER	1.292	0.0237	1.20	0.02

The results above show that Zeodorizer is exempt from the Proposition 65 label requirements. Zeodorizer took extra precaution and applied the label on its bags until the laboratory testing was finalized. Due to the above test results, Zeodorizer’s future bags will not exhibit the label.

Best Regards,
Zeodorizer LLC
Austin Petelski



12421 W. 49TH AVENUE, UNIT #6
WHEAT RIDGE, CO 80033

**CRYSTALLINE BULK SILICA ANALYSIS (RESPIRABLE)
MODIFIED NIOSH 7500 METHOD**

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CLIENT:

DIVERSIFIED MINERALS INC
1100 MOUNTAIN VIEW AVENUE, SUITE F
OXNARD, CA 93030

ANALYSIS DATE: 12-7-18
REPORTING DATE: 12-7-18
RECEIPT DATE: 12-4-18
CLIENT JOB NO.: NONE GIVEN
PROJECT TITLE: NONE GIVEN
DCMSL PROJECT: DIVM2-A

DCM NO.	CLIENT SAMPLE NO.	SAMPLE WEIGHT (mg)	MEASURED QUARTZ (mg)	PERCENT QUARTZ	PERCENT PASSING (<10um)	PERCENT RESP. SILICA TOTAL SAMPLE
-1	GLOAL PUMICE ZEODORIZER	1.292	0.0237	1.83	1.20	0.02

THE SAMPLE(S) WAS/WERE ANALYZED USING A MODIFIED VERSION OF THE NIOSH 7500 METHOD. THE FOLLOWING MODIFICATIONS WERE MADE:

- THE RESPIRABLE FRACTION (<10um) WAS REMOVED BY WET SIEVING THROUGH A 10um SIEVE TO DETERMINE PERCENT PASSING.

THE SAMPLE(S) WAS/WERE WEIGHED WITH A METTLER XP56 MICROBALANCE WITH A REPORTING LIMIT OF ±0.006mg. THE BALANCE IS CERTIFIED WITHIN INSTRUMENT SPECIFICATIONS AND TRACEABLE TO NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.

THE SAMPLE(S) WAS/WERE ANALYZED IN CONJUNCTION WITH PREPARED STANDARDS OF CRYSTALLINE SILICA. CALIBRATION CURVES HAVE BEEN ESTABLISHED FOR CRYSTALLINE SILICA USING NIST AND NIOSH STANDARD REFERENCE MATERIALS. SAMPLE INTENSITIES WERE CALCULATED RELATIVE TO CALIBRATION CURVES. THE QUANTITATIVE DETECTION LIMIT OF CRYSTALLINE SILICA FOR THIS METHOD IS 0.005mg (5µg). THE COEFFICIENT OF VARIATION AS STATED BY NIOSH IS 0.09 FOR CONCENTRATIONS BETWEEN 0.025mg AND 2.5mg. ALL CALCULATIONS ARE BASED UPON THOSE IN THE NIOSH 7500, OSHA AND MSHA METHODS. A COMPUTER SPREADSHEET PROGRAM IS USED FOR ALL CALCULATIONS. ALL RESULTS HAVE BEEN ROUNDED BY THE PROGRAM.

THE BULK MATERIAL WAS PREPARED AND SCANNED BY X-RAY DIFFRACTION TO DETERMINE THE PHASES OF CRYSTALLINE SILICA PRESENT IN THE SAMPLES. IDENTIFIED CRYSTALLINE SILICA POLYMOPRHS WERE SCANNED OVER PRINCIPAL PEAKS USING A SLOW SCAN RATE TO DETERMINE CONCENTRATION. CRISTOBALITE AND TRIDYMITE WERE NOT IDENTIFIED IN THE SAMPLES. THEREFORE, THE TOTAL CONCENTRATIN OF CRYSTALLINE SILICA IS DERIVED FROM THE CONCENTRATION OF QUARTZ.

THE SAMPLE(S) WAS/WERE RECEIVED IN ACCEPTABLE CONDITION. THIS TEST REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MAY NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY.



Jason Barnes

JASON BARNES, ANALYST