



Certificate of Analysis (COA) of Mine Safety Dust

Following is the average chemical analysis and gradation results on Mine Safety Dust production at Dillon

Number Samples tested: 42

<u>For October, 2022 shipments</u>	<u>Result (%)</u>	<u>MSHA Specification</u> 30 C.F.R & 75.2
Chemical Analysis for Silica(SiO ₂) content:	1.39	4.0 maximum
Standard Deviation (SiO ₂)	0.2	
Test Method: X-Ray Spectrometry ASTM C1271		
Gradation Analysis passing ASTM C110:		
#20 sieve	100	100% minimum
#200 sieve	78.6	70% minimum
Standard Deviation (passing #200)	2.92	
Typical Combustible Content (Method MH-102)	0.5	5% maximum

* Dillon's "Mine Safety Dust" meets the requirements for gradation, silica content and combustible matter as defined in 30 C.F.R & 75.2.

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Quality Control

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