

# Hess Pumice Test Results: XRF, Moisture Loss and L.O.I

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## PUMICE GRADE: DS-325

WEIGHT %													
INDENT	Na <sub>2</sub> O	MgO	Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	P <sub>2</sub> O <sub>5</sub>	S	Cl	K <sub>2</sub> O	CaO	TiO <sub>2</sub>	MnO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	BaO
SAMPLE	2.04	0.46	10.9	69.0	<0.05	<0.05	0.04	5.04	0.82	0.09	0.03	1.34	0.16
QUALITY CONTROL [REPLICATE (R) SAMPLE AND STANDARD REFERENCE MATERIAL (GSP-2) ANALYZED WITH SAMPLE]													
SAMPLE (R)	2.05	0.46	10.9	69.0	<0.05	<0.05	0.04	5.04	0.82	0.09	0.03	1.34	0.16
GSP-2-XRF	3.03	1.14	14.3	68.6	0.29	<0.05	<0.02	5.76	2.10	0.66	0.04	4.93	0.15
GSP-2-known	3.03	1.14	14.3	68.6	0.29	<0.05	<0.02	5.76	2.10	0.66	0.04	4.93	0.15

PPM													
INDENT	V	Cr	Co	Ni	W	Cu	Zn	As	Sn	Pb	Mo	Sr	U
SAMPLE	<10	21	<10	<10	<10	<10	26	<20	<50	27	<10	61	<20
QUALITY CONTROL [REPLICATE (R) SAMPLE AND STANDARD REFERENCE MATERIAL (GSP-2) ANALYZED WITH SAMPLE]													
SAMPLE (R)	<10	22	<10	<10	<10	<10	26	<20	<50	27	<10	56	<20
GSP-2-XRF	60	22	<10	12	<10	48	123	<20	<50	44	<10	231	<20
GSP-2-known	52	20	7	17	--	43	120	--	--	42	--	240	2

PPM					
INDENT	Th	Nb	Zr	Rb	Y
SAMPLE	<20	<10	85	84	32
QUALITY CONTROL					
SAMPLE (R)	20	<10	85	87	32
GSP-2-XRF	72	20	574	200	34
GSP-2-known	105	27	550	245	28

WEIGHT %		
SAMPLE	MOISTURE LOSS	LOI
SAMPLE	2.1	3.5
QUALITY CONTROL		
SAMPLE (R)	2.1	3.4

An industrial materials company can be very good at what they do, but without a quality product, the high ground simply can't be held. We count ourselves fortunate that our pumice deposit is world-class. Worldwide, our pumice enjoys advantages in whiteness, hardness, density, and natural purity. Our deposit has a confirmed yield in the millions of tons. Three modern processing facilities and a state-of-the-art testing lab ensure we can consistently deliver to the ordered specification.



Have specific questions? Want to do in-house testing in your own lab? Contact us.

### Hess Pumice Products

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