

BEST-TEST ANALYTICAL SERVICES, LLC

NAME:	SCHOONOVER FARMS	SAMPLE DATE:	2/6/2025	DATE RECV'D:	2/7/2025
ADDRESS:	2194 N SCHOONOVER RD	PROJECT #:		INVOICE#S	3418-01F
CITY:	ODESSA	CONTACT:	Philip & Lane Walter	PRICE:	\$200.00
STATE/ZIP	WA 99159	SAMPLE ID	ORGANIC GYPSUM		

		ORGANIC GYPSUM	ORGANIC GYPSUM	ORGANIC GYPSUM	ORGANIC GYPSUM
Lab ID		8380	8380	8380	8380
		TOTAL	TOTAL	WATER SOLUBLE	WATER SOLUBLE
	Detection Limit	100% DM Basis	As Received	100% DM Basis	As Received
DRY MATTER (DM)	0.01%	100.00%	85.37%	100.00%	85.37%
-FREE MOISTURE					
INSOLUBLE RESIDUE	0.10%	2.14%	1.83%	8.95%	7.64%
INERTS		2.14%	1.83%	2.14%	1.83%
ORGANIC MATTER (Walkley - Black)	0.10%	0.07%	0.06%	0.07%	0.06%
TOTAL CARBON (TC) (Comb.)	0.01%	3.409%	2.910%	3.409%	2.910%
TOTAL NITROGEN (TN) (Comb.)	0.01%	0.026%	0.022%	0.026%	0.022%
CaCO3 Equiv. by Acid Titration	0.25%	9.15%	7.81%	9.15%	7.81%
GYPSUM (CaSO4-2H2O) by SO4		116.02%	99.05%	112.21%	95.79%
GYPSUM (CaSO4-2H2O) by Ca		116.03%	99.05%	112.78%	96.28%
GYPSUM (CaSO4-2H2O) Average		116.03%	99.05%	112.49%	96.03%
PHOSPHORUS-P	0.002%	0.0018%	0.002%	0.0007%	0.001%
As P2O5		0.0041%	0.004%	0.0016%	0.001%
POTASSIUM (K)	0.002%	0.0220%	0.019%	0.0100%	0.009%
As K2O		0.0265%	0.023%	0.0121%	0.010%
SULFUR (S)	0.002%	21.61%	18.448%	20.90%	17.842%
CALCIUM (Ca)	0.002%	28.69%	24.492%	26.26%	22.418%
MAGNESIUM (Mg)	0.002%	0.641%	0.547%	0.024%	0.020%
STRONTIUM (Sr)	0.002%	0.170%	0.145%	0.170%	0.145%
SODIUM (Na)	0.002%	0.006%	0.005%	0.005%	0.004%
SILICA (SiO2)				0.039%	0.034%
CHLORIDE (Cl)	0.005%	<0.001%	<0.001%	<0.001%	<0.001%
		mg/L ~ppm	mg/L ~ppm	mg/L ~ppm	mg/L ~ppm
IRON (Fe)	1	167	142	7.8	6.7
ALUMINUM (Al)	1	199	170	14.3	12.2
MANGANESE (Mn)	0.1	28	24	1.0	0.9
BARIUM (Ba)	0.1	16.1	13.8		
ARSENIC (As)	0.1	<1	<1	2.9	2.5
BORON (B)	0.1	4.0	3.4	2.3	2
BERYLLIUM (Be)	0.1	<0.1	<0.1	<0.1	<0.1
CADMIUM (Cd)	0.1	<0.1	<1	0.2	0.2
CHROMIUM (Cr)	0.1	<1	<1	<1	<1
COBALT (Co)	0.1	0.4	<0.1	<0.1	<0.1
COPPER (Cu)	0.1	0.7	0.6	<0.1	<0.1
LEAD (Pb)	0.1	0.6	0.5	<0.1	<0.1
MOLYBDENUM (Mo)	0.1	<1	<1	<0.1	<0.1
NICKEL (Ni)	0.1	<1	<1	<0.1	<0.1
SELENIUM (Se)	1	3.5	3.0	<0.1	<0.1
ZINC (Zn)	0.1	1.8	1.5	0.3	0.2

* Stirred 1.00 grams of sample (As received or ground to <2mm) in 1 liter of water with high speed magnetic stir bar for 20 hours.

Stephen T. Jones
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 CHEMIST