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**MEG 2006 Molybdenum STANDARDS** (updated: 31-AUG-09)

AVAILABLE in 10 g & 50 g Kraft Envelopes  
 Sold with Certificates of Assay for Molybdenum  
 Cost: \$3 per 10 g envelope, \$5.70 for 50 g envelope

**SRM OC-43 10 g Envelopes**

Wet Chemical Assay:  
 MoS<sub>2</sub> = 420 ppm (0.042%)  
 OxMo = 110 ppm (0.011%)  
 Tmo = 360 ppm (0.036%)

ICP/MS Assay = 320 ppm Mo

Stats based on 20 assays from 2 labs

**Characterization Data: n = 17 samples**

Ag	As	Au	Ba	Co	Cu	Fe	Mn	P	Pb	S	Sb	V	Zn
ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
0.28	5.4	0	10	3	105	1.4	168	92	7	0.19	2	3	280

Source Rock = Orcana Mine, Crestone, Novalles-Hermosillo, Mexico

**SRM OC-48 10 g Envelopes**

Wet Chemical Assay:  
 MoS<sub>2</sub> = 970 ppm (0.097%)  
 OxMo = 210 ppm (0.021%)  
 TMo = 790 ppm (0.079%)

ICP/MS Assay = 764 ppm Mo

Stats based on 20 assays from 2 labs

**Characterization Data: n = 17 samples**

Ag	As	Au	Ba	Co	Cu	Fe	Mn	P	Pb	S	Sb	V	Zn
ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
0.8	12	0.03	50	11	170	2.4	1090	190	14	0.44	5	16	1600

Source Rock = Orcana Mine, Crestone, Novalles-Hermosillo, Mexico

**MEG-Mo-1 (S106011X) ICP/MS ASSAY**

SAMPLES AVG = 0.220%	MAX = 0.242
LABS AVG = 0.221%	MIN = 0.209
MEAN + SD = 0.234	STDEV = 0.013
MEAN - SD = 0.208	%RSD = 5.82

95% Confidence = 0.195- 0.246%

Stats based on 21 assays from 4 labs

**Characterization Data: n = 5 samples /1 Lab**

Ag	As	Au	Ba	Co	Cu	Fe	Mn	Pb	S	Sb	V	W	Zn
ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
1.7	-50	0.01	100	10	42	7.7	9800	74	0.4	-50	30	700	335

Source Rock = Mt. Hamilton, NV

**MEG-Mo-2 (S106012X) ICP/MS ASSAY**

SAMPLES AVG = 0.201%	MAX = 0.224
LABS AVG = 0.201%	MIN = 0.186
MEAN + SD = 0.215	STDEV = 0.014
MEAN - SD = 0.187	%RSD = 7.05

95% Confidence = 0.172- 0.229%

Stats based on 20 assays from 4 labs

**Characterization Data: n = 5 samples /1 Lab**

Ag	As	Au	Ba	Co	Cu	Fe	Mn	Pb	S	Sb	V	W	Zn
ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
2.1	-50	0.01	100	10	30	8.9	8800	78	0.5	-50	30	700	290

Source Rock = Mt. Hamilton, NV

**MEG-Mo-3 (S106013X) ICP/MS ASSAY**

SAMPLES AVG = 4.636%	MAX = 5.388
LABS AVG = 4.636%	MIN = 4.165
MEAN + SD = 5.128	STDEV = 0.492
MEAN - SD = 4.144	%RSD = 10.61

95% Confidence = 3.65- 5.62%

Stats based on 25 assays from 5 labs

**Characterization Data: n = 5 samples /1 Lab**

Ag	As	Au	Ba	Co	Cu	Fe	Mn	Pb	S	Sb	V	W	Zn
ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
4	-50	0.01	100	10	88	7	9300	72	3.9	-50	25	1700	295

Source Rock = Mt. Hamilton, NV