Hexavalent Chromium by EPA 3060A/7199

Samples were digested according to EPA 3060A and analyzed by EPA 7199. The detection limit for processed samples was based upon the result of the method blank digested with the samples.

Sample ID	Parts Per Billion (ug/Kg)
Soil 1	130
Soil 1 (duplicate)	68
Soil 2	62
Soil 3	33
Method Blank	16
Calibration Blank	ND
Detection Limit:	30
Method Detection Limit	4

Date Analyzed: 10-04-99

Standard Curve (n = 6) r^2 = >0.995

The laboratory QC summary is on the next page.

Laboratory Quality Control (For Soil Samples)

Laboratory Control Standard (1 ppb) Water

Units: ppb

Result	Target	% Rec.	Limits
0.945	1.00	95	90 - 110

Matrix Spike/High Matrix Spike Recovery Summary

Sample: 38638-001/MW13-199'
Units: ug/Kg

Analyte	Sample Result	Duplicate Result	RPD	Low Spike	MS Result	% Rec MS	High Spike	Hi MS Result	% Rec Hi MS
Chromium (VI)	128	68	61 **	400	457	90	40000	37300	93

** Results near detection limit.

Laboratory Fortified Blank (LFB) Recovery Summary

Analyte	Sample Result	Amount Spiked	MS Result	% Rec MS	MSD Result	% Rec MSD	RPD
Hexavalent Chromium	16	400	384	92	399	96	4

QC Limits

Matrix	RPD	% Recovery Control
Soil	12	67 - 128