

## Analytical Results of Aminocyclopyrachlor

Note: Preliminary Results    Sample Date Nov 2018    Application Dates    November 2012    April 2014 March 2015

Sample ID	Sample Matrix	Date Analyzed	% Recovery	Concentration (ng/g)	PPM
<i>Limit of Detection (LOD)</i>	<i>Vegetation</i>			2.7	0.0027
<i>Limit of Quantitation (LOQ)</i>	<i>Vegetation</i>			9.2	0.0092
	Fortified Control				
Matrix Spike	Vegetation	12/11/2018	74%		
	Fortified Control				
Matrix Spike	Vegetation	12/18/2018	86%		
NUF180714-1	Vegetation	12/11/18		43.8	0.0438
NUF180714-4	Vegetation	12/11/18		78.9	0.0789
NUF180714-5	Vegetation	12/11/18		46.5	0.0465
NUF180714-8	Vegetation	12/11/18		24.4	0.0244
NUF180714-9	Vegetation	12/11/18		BQL	BQL
NUF180714-12	Vegetation	12/11/18		21.5	0.0215
NUF180714-15	Vegetation	12/11/18		93.3	0.0933
NUF180714-16	Vegetation	12/11/18		42.3	0.0423
NUF180714-17	Vegetation	12/11/18		ND	ND
NUF180714-19	Vegetation	12/11/18		102	0.1020
NUF180714-22	Vegetation	12/11/18		ND	ND
NUF180714-23	Vegetation	12/18/18		97.5	0.0975
NUF180714-24	Vegetation	12/18/18		70.9	0.0709
NUF180714-27	Vegetation	12/18/18		90.4	0.0904
NUF180714-30	Vegetation	12/18/18		27.1	0.0271
NUF180714-31	Vegetation	12/19/18		533	0.5330
NUF180714-32	Vegetation	12/18/18		280	0.2800
NUF180714-33	Vegetation	12/18/18		150	0.1500
NUF180714-34	Vegetation	12/18/18		98.1	0.0981

NUF180714-37	Vegetation	12/19/18	1690	* 1.690
NUF180714-38	Vegetation	12/18/18	27.8	0.0278
NUF180714-39	Vegetation	12/18/18	ND	ND

Sample ID	Sample Matrix	Date Analyzed	% Recovery	Concentration (ng/g)	PPM
<i>Limit of Detection (LOD)</i>	<i>Soil</i>			2.7	0.0027
<i>Limit of Quantitation (LOQ)</i>	<i>Soil</i>			9.2	0.0092
Matrix Spike	Fortified Control Soil	12/13/2018	80%		
Matrix Spike	Fortified Control Soil	12/17/2018	79%		
NUF180714-2	Soil	12/17/2018		ND	ND
NUF180714-3	Soil	12/13/2018		ND	ND
NUF180714-6	Soil	12/17/2018		ND	ND
NUF180714-7	Soil	12/17/2018		ND	ND
NUF180714-10	Soil	12/13/2018		ND	ND
NUF180714-11	Soil	12/17/2018		ND	ND
NUF180714-13	Soil	12/17/2018		ND	ND
NUF180714-14	Soil	12/13/2018		ND	ND
NUF180714-18	Soil	12/17/2018		ND	ND
NUF180714-20	Soil	12/17/2018		ND	ND
NUF180714-21	Soil	12/17/2018		ND	ND
NUF180714-25	Soil	12/13/2018		ND	ND
NUF180714-26	Soil	12/13/2018		ND	ND
NUF180714-28	Soil	12/17/2018		BQL	BQL
NUF180714-29	Soil	12/17/2018		BQL	BQL
NUF180714-35	Soil	12/13/2018		ND	ND
NUF180714-36	Soil	12/13/2018		ND	ND
NUF180714-40	Soil	12/13/2018		ND	ND

Control vegetation sample is a composite of locally collected pine needles.  
Control soil sample was purchased DC:C

ND = Not detected at or above the LOD

BQL = Detected at concentration below the LOQ

\* The values after dilution may be biased high, due to less matrix in the diluted samples compared to the matrix-matched calibration standards

Cotton Wood Dr., Samples 1-8      Application November 2012

Paulina-East Lake Rd., Samples 9-18      Application November 2012

McKay Road, Samples 19-26

HWY 20, Samples 27-40      Application April 2014      March 2015