

Client Reference: Malbec Properties Mundamia

Trazine Herbicides in Soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-13 2193/DAM01/ A 10/01/2013 Soil	84007-15 2193/DAM02/ A 10/01/2013 Soil	84007-17 2193/DAM04/ A 10/01/2013 Soil	84007-19 2193/AreaA/ A 10/01/2013 Soil	84007-21 2193/AreaB/ A 10/01/2013 Soil
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	<1
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	<1
Metribuzine	mg/kg	<0.1	<0.1	<0.1	<0.1	<1
Prometryne	mg/kg	<0.1	<0.1	<0.1	<0.1	<1
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	<1

Trazine Herbicides in Soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-23 2193/AreaC/ A 10/01/2013 Soil	84007-25 2193/AreaD/ A 10/01/2013 Soil	84007-27 2193/AreaE/A 10/01/2013 Soil	84007-31 2193/AreaG/ A 10/01/2013 Soil	84007-35 2193/AreaI/A 10/01/2013 Soil
Atrazine	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Hexazinone	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Metribuzine	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Prometryne	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Simazine	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1

Trazine Herbicides in Soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-37 2193/AreaJ/A 10/01/2013 Soil
Atrazine	mg/kg	<0.1
Hexazinone	mg/kg	<0.1
Metribuzine	mg/kg	<0.1
Prometryne	mg/kg	<0.1
Simazine	mg/kg	<0.1

Client Reference: Malbec Properties Mundamia

Phenoxy Acid Herbicides in Soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-13 2193/DAM01/ A 10/01/2013 Soil	84007-15 2193/DAM02/ A 10/01/2013 Soil	84007-17 2193/DAM04/ A 10/01/2013 Soil	84007-19 2193/AreaA/ A 10/01/2013 Soil	84007-21 2193/AreaB/ A 10/01/2013 Soil
Date extracted	-	16/01/2013	16/01/2013	16/01/2013	16/01/2013	16/01/2013
Date analysed	-	18/01/2013	18/01/2013	18/01/2013	18/01/2013	18/01/2013
Dicamba	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
MCPA	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dichlorprop	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-D	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5-T	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5-TP	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-DB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
MCPP	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Triclopyr	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Picloram	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1

Phenoxy Acid Herbicides in Soil Our Reference: Your Reference Composite Reference Date Sampled Type of sample	UNITS ----- -----	84007-23 2193/AreaC/ A 10/01/2013 Soil	84007-25 2193/AreaD/ A 10/01/2013 Soil	84007-27 2193/AreaE/A 10/01/2013 Soil	84007-31 2193/AreaG/ A 10/01/2013 Soil	84007-35 2193/AreaI/A 10/01/2013 Soil
Date extracted	-	16/01/2013	16/01/2013	16/01/2013	16/01/2013	16/01/2013
Date analysed	-	18/01/2013	18/01/2013	18/01/2013	18/01/2013	18/01/2013
Dicamba	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
MCPA	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Dichlorprop	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-D	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5-T	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5-TP	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-DB	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
MCPP	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Triclopyr	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Picloram	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Clopyralid	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1
Fluroxypyr	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1

Phenoxy Acid Herbicides in Soil		
Our Reference:	UNITS	84007-37
Your Reference	-----	2193/AreaJ/A
Composite Reference	-----	
Date Sampled		10/01/2013
Type of sample		Soil
Date extracted	-	16/01/2013
Date analysed	-	18/01/2013
Dicamba	mg/kg	<0.1
MCPA	mg/kg	<0.1
Dichlorprop	mg/kg	<0.1
2,4-D	mg/kg	<0.1
2,4,5-T	mg/kg	<0.1
2,4,5-TP	mg/kg	<0.1
2,4-DB	mg/kg	<0.1
MCPP	mg/kg	<0.1
Triclopyr	mg/kg	<0.1
Picloram	mg/kg	<0.1
Clopyralid	mg/kg	<0.1
Fluroxypyr	mg/kg	<0.1

Method ID	Methodology Summary
Org-016	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 draft Guideline on Investigation Levels for Soil and Groundwater.
Org-014	Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS.
Org-003	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID. F2 = (>C10-C16)-Naphthalene as per NEPM B1 draft Guideline on Investigation Levels for Soil and Groundwater.
Org-012 subset	Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS. Benzo(a)pyrene TEQ as per NEPM draft B1 Guideline on Investigation Levels for Soil and Groundwater.
Org-005	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
Org-008	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC with dual ECD's.
Org-006	Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD.
Metals-020 ICP-AES	Determination of various metals by ICP-AES.
Metals-021 CV-AAS	Determination of Mercury by Cold Vapour AAS.
Inorg-008	Moisture content determined by heating at 105 deg C for a minimum of 4 hours.
ASB-001	Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004.
Ext-020	Analysis subcontracted to Australian Government - National Measurement Institute. NATA Accreditation No: 198

Client Reference: Malbec Properties Mundamia

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
vTRH(C6-C10)/BTEXN in Soil						Base II Duplicate II %RPD		
Date extracted	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
Date analysed	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
TRHC ₆ - C ₉	mg/kg	25	Org-016	<25	84007-20	<25 <25	LCS-2	109%
TRHC ₆ - C ₁₀	mg/kg	25	Org-016	<25	84007-20	<25 <25	LCS-2	109%
vTPHC ₆ - C ₁₀ less BTEX(F1)	mg/kg	25	Org-016	[NT]	84007-20	<25 <25	[NR]	[NR]
Benzene	mg/kg	0.2	Org-016	<0.2	84007-20	<0.2 <0.2	LCS-2	112%
Toluene	mg/kg	0.5	Org-016	<0.5	84007-20	<0.5 <0.5	LCS-2	107%
Ethylbenzene	mg/kg	1	Org-016	<1	84007-20	<1 <1	LCS-2	102%
m+p-xylene	mg/kg	2	Org-016	<2	84007-20	<2 <2	LCS-2	113%
o-Xylene	mg/kg	1	Org-016	<1	84007-20	<1 <1	LCS-2	114%
naphthalene	mg/kg	1	Org-014	<1	84007-20	<1 <1	[NR]	[NR]
Surrogate aaa-Trifluorotoluene	%		Org-016	115	84007-20	121 121 RPD: 0	LCS-2	118%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
svTRH (C10-C40) in Soil						Base II Duplicate II %RPD		
Date extracted	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
Date analysed	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
TRHC ₁₀ - C ₁₄	mg/kg	50	Org-003	<50	84007-20	<50 <50	LCS-2	86%
TRHC ₁₅ - C ₂₈	mg/kg	100	Org-003	<100	84007-20	<100 <100	LCS-2	107%
TRHC ₂₉ - C ₃₆	mg/kg	100	Org-003	<100	84007-20	<100 <100	LCS-2	88%
TRH>C ₁₀ -C ₁₆	mg/kg	50	Org-003	<50	84007-20	<50 <50	LCS-2	86%
TRH>C ₁₀ - C ₁₆ less Naphthalene (F2)	mg/kg	50	Org-003	[NT]	84007-20	<50 <50	[NR]	[NR]
TRH>C ₁₆ -C ₃₄	mg/kg	100	Org-003	<100	84007-20	<100 <100	LCS-2	107%
TRH>C ₃₄ -C ₄₀	mg/kg	100	Org-003	<100	84007-20	<100 <100	LCS-2	88%
Surrogate o-Terphenyl	%		Org-003	99	84007-20	107 107 RPD: 0	LCS-2	117%

Client Reference: Malbec Properties Mundamia

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PAHs in Soil						Base Duplicate %RPD		
Date extracted	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
Date analysed	-			15/01/2013	84007-20	15/01/2013 15/01/2013	LCS-2	15/01/2013
Naphthalene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	LCS-2	118%
Acenaphthylene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Acenaphthene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Fluorene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	LCS-2	123%
Phenanthrene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	LCS-2	126%
Anthracene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Fluoranthene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	LCS-2	128%
Pyrene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	LCS-2	131%
Benzo(a)anthracene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Chrysene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	LCS-2	113%
Benzo(b+k)fluoranthene	mg/kg	0.2	Org-012 subset	<0.2	84007-20	<0.2 <0.2	[NR]	[NR]
Benzo(a)pyrene	mg/kg	0.05	Org-012 subset	<0.05	84007-20	<0.05 <0.05	LCS-2	114%
Indeno(1,2,3-c,d)pyrene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Dibenzo(a,h)anthracene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Benzo(g,h,i)perylene	mg/kg	0.1	Org-012 subset	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Benzo(a)pyrene TEQ	mg/kg	0.5	Org-012 subset	[NT]	84007-20	<0.5 <0.5	[NR]	[NR]
Surrogate p-Terphenyl-d14	%		Org-012 subset	93	84007-20	101 100 RPD: 1	LCS-2	94%

Client Reference: Malbec Properties Mundamia

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Organochlorine Pesticides in soil						Base Duplicate %RPD		
Date extracted	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
Date analysed	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
HCB	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
alpha-BHC	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	103%
gamma-BHC	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
beta-BHC	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	118%
Heptachlor	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	100%
delta-BHC	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Aldrin	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	114%
Heptachlor Epoxide	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	106%
gamma-Chlordane	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
alpha-chlordane	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Endosulfan I	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
pp-DDE	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	102%
Dieldrin	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	104%
Endrin	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	107%
pp-DDD	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	112%
Endosulfan II	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
pp-DDT	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Endrin Aldehyde	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Endosulfan Sulphate	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	LCS-2	111%
Methoxychlor	mg/kg	0.1	Org-005	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Surrogate TCMX	%		Org-005	99	84007-20	111 108 RPD: 3	LCS-2	98%

Client Reference: Malbec Properties Mundamia

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Organophosphorus Pesticides						Base II Duplicate II %RPD		
Date extracted	-			14/01/2013	84007-53	14/01/2013 14/01/2013	LCS-2	14/01/2013
Date analysed	-			14/01/2013	84007-53	14/01/2013 14/01/2013	LCS-2	14/01/2013
Diazinon	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	[NR]	[NR]
Dimethoate	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	[NR]	[NR]
Chlorpyrifos-methyl	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	[NR]	[NR]
Ronnel	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	[NR]	[NR]
Chlorpyrifos	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	LCS-2	105%
Fenitrothion	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	LCS-2	101%
Bromophos-ethyl	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	[NR]	[NR]
Ethion	mg/kg	0.1	Org-008	<0.1	84007-53	<0.1 <0.1	LCS-2	107%
Surrogate TCMX	%		Org-008	99	84007-53	100 100 RPD: 0	LCS-2	104%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
PCBs in Soil						Base II Duplicate II %RPD		
Date extracted	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
Date analysed	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-2	14/01/2013
Arochlor 1016	mg/kg	0.1	Org-006	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Arochlor 1221	mg/kg	0.1	Org-006	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Arochlor 1232	mg/kg	0.1	Org-006	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Arochlor 1242	mg/kg	0.1	Org-006	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Arochlor 1248	mg/kg	0.1	Org-006	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Arochlor 1254	mg/kg	0.1	Org-006	<0.1	84007-20	<0.1 <0.1	LCS-2	106%
Arochlor 1260	mg/kg	0.1	Org-006	<0.1	84007-20	<0.1 <0.1	[NR]	[NR]
Surrogate TCLMX	%		Org-006	99	84007-20	111 108 RPD: 3	LCS-2	104%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Acid Extractable metals in soil						Base II Duplicate II %RPD		
Date digested	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-1	14/01/2013
Date analysed	-			14/01/2013	84007-20	14/01/2013 14/01/2013	LCS-1	14/01/2013
Arsenic	mg/kg	4	Metals-020 ICP-AES	<4	84007-20	<4 <4	LCS-1	95%
Cadmium	mg/kg	0.5	Metals-020 ICP-AES	<0.5	84007-20	<0.5 <0.5	LCS-1	97%
Chromium	mg/kg	1	Metals-020 ICP-AES	<1	84007-20	11 10 RPD: 10	LCS-1	101%
Copper	mg/kg	1	Metals-020 ICP-AES	<1	84007-20	12 11 RPD: 9	LCS-1	98%
Lead	mg/kg	1	Metals-020 ICP-AES	<1	84007-20	36 33 RPD: 9	LCS-1	99%
Mercury	mg/kg	0.1	Metals-021 CV-AAS	<0.1	84007-20	<0.1 <0.1	LCS-1	104%

Client Reference: Malbec Properties Mundamia

QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Acid Extractable metals in soil						Base II Duplicate II %RPD		
Nickel	mg/kg	1	Metals-020 ICP-AES	<1	84007-20	3 3 RPD: 0	LCS-1	100%
Zinc	mg/kg	1	Metals-020 ICP-AES	<1	84007-20	160 160 RPD: 0	LCS-1	100%
QUALITY CONTROL Moisture	UNITS	PQL	METHOD	Blank				
Date prepared	-			[NT]				
Date analysed	-			[NT]				
Moisture	%	0.1	Inorg-008	[NT]				
QUALITY CONTROL Asbestos ID - soils	UNITS	PQL	METHOD	Blank				
Date analysed	-			[NT]				
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Trazine Herbicides in Soil						Base II Duplicate II %RPD		
Atrazine	mg/kg	0.1	Ext-020	<0.1	84007-37	<0.1 <0.1	[NR]	[NR]
Hexazinone	mg/kg	0.1	Ext-020	<0.1	84007-37	<0.1 <0.1	[NR]	[NR]
Metribuzine	mg/kg	0.1	Ext-020	<0.1	84007-37	<0.1 <0.1	[NR]	[NR]
Prometryne	mg/kg	0.1	Ext-020	<0.1	84007-37	<0.1 <0.1	[NR]	[NR]
Simazine	mg/kg	0.1	Ext-020	<0.1	84007-37	<0.1 <0.1	LCS-1	95%
QUALITY CONTROL	UNITS	PQL	METHOD	Blank	Duplicate Sm#	Duplicate results	Spike Sm#	Spike % Recovery
Phenoxy Acid Herbicides in Soil						Base II Duplicate II %RPD		
Date extracted	-			16/01/2013	84007-13	16/01/2013 16/01/2013	LCS-1	16/01/2013
Date analysed	-			18/01/2013	84007-13	18/01/2013 18/01/2013	LCS-1	18/01/2013
Dicamba	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	96%
MCPA	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	98%
Dichlorprop	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	98%
2,4-D	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	96%
2,4,5-T	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	99%
2,4,5-TP	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	94%
2,4-DB	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	94%
MCPP	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	95%
Triclopyr	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	97%
Picloram	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	[NR]	[NR]
Clopyralid	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	[NR]	[NR]
Fluroxypyr	mg/kg	0.1	Ext-020	<0.1	84007-13	<0.1 <0.1	LCS-1	BN

Client Reference: Malbec Properties Mundamia

QUALITY CONTROL vTRH(C6-C10)/BTEXN in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	84007-46	14/01/2013 14/01/2013	84007-21	14/01/2013
Date analysed	-	84007-46	14/01/2013 14/01/2013	84007-21	14/01/2013
TRHC ₆ - C ₉	mg/kg	84007-46	<25 <25	84007-21	106%
TRHC ₆ - C ₁₀	mg/kg	84007-46	<25 <25	84007-21	106%
VTPHC ₆ - C ₁₀ less BTEX(F1)	mg/kg	84007-46	<25 <25	[NR]	[NR]
Benzene	mg/kg	84007-46	<0.2 <0.2	84007-21	110%
Toluene	mg/kg	84007-46	<0.5 <0.5	84007-21	104%
Ethylbenzene	mg/kg	84007-46	<1 <1	84007-21	98%
m+p-xylene	mg/kg	84007-46	<2 <2	84007-21	110%
o-Xylene	mg/kg	84007-46	<1 <1	84007-21	109%
naphthalene	mg/kg	84007-46	<1 <1	[NR]	[NR]
Surrogate aaa- Trifluorotoluene	%	84007-46	124 119 RPD: 4	84007-21	119%
QUALITY CONTROL svTRH (C10-C40) in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	84007-46	14/01/2013 14/01/2013	84007-21	14/01/2013
Date analysed	-	84007-46	14/01/2013 14/01/2013	84007-21	14/01/2013
TRHC ₁₀ - C ₁₄	mg/kg	84007-46	<50 <50	84007-21	#
TRHC ₁₅ - C ₂₈	mg/kg	84007-46	210 190 RPD: 10	84007-21	#
TRHC ₂₉ - C ₃₆	mg/kg	84007-46	420 490 RPD: 15	84007-21	#
TRH>C ₁₀ -C ₁₆	mg/kg	84007-46	62 62 RPD: 0	84007-21	#
TRH>C ₁₀ - C ₁₆ less Naphthalene (F2)	mg/kg	84007-46	62 62 RPD: 0	[NR]	[NR]
TRH>C ₁₆ -C ₃₄	mg/kg	84007-46	470 480 RPD: 2	84007-21	#
TRH>C ₃₄ -C ₄₀	mg/kg	84007-46	280 300 RPD: 7	84007-21	#
Surrogate o-Terphenyl	%	84007-46	111 103 RPD: 7	84007-21	#
QUALITY CONTROL PAHs in Soil	UNITS	Dup. Sm#	Duplicate Base + Duplicate + %RPD	Spike Sm#	Spike % Recovery
Date extracted	-	84007-46	14/01/2013 14/01/2013	84007-21	14/01/2013
Date analysed	-	84007-46	15/01/2013 15/01/2013	84007-21	15/01/2013
Naphthalene	mg/kg	84007-46	<0.1 <0.1	84007-21	95%
Acenaphthylene	mg/kg	84007-46	<0.1 <0.1	[NR]	[NR]
Acenaphthene	mg/kg	84007-46	<0.1 <0.1	[NR]	[NR]
Fluorene	mg/kg	84007-46	<0.1 <0.1	84007-21	100%
Phenanthrene	mg/kg	84007-46	<0.1 <0.1	84007-21	123%
Anthracene	mg/kg	84007-46	<0.1 <0.1	[NR]	[NR]
Fluoranthene	mg/kg	84007-46	<0.1 <0.1	84007-21	#
Pyrene	mg/kg	84007-46	<0.1 <0.1	84007-21	#
Benzo(a)anthracene	mg/kg	84007-46	<0.1 <0.1	[NR]	[NR]
Chrysene	mg/kg	84007-46	<0.1 <0.1	84007-21	133%
Benzo(b+k)fluoranthene	mg/kg	84007-46	<0.2 <0.2	[NR]	[NR]