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**AR-15-MM-007389-01**



**EUNOMO-00115765**

Received: 07.05.2015

Temperature:

Analysed between: 07.05.2015-19.05.2015

Reference: Barnehagejord - Jord fra  
Megård

## ANALYTICAL REPORT

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Symbol description:

\* Not part of the accreditation    LOQ: Limit of Quantification    MU: Uncertainty of Measurement  
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Sample code:	<b>439-2015-05070501</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	5.2	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.1	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.039	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	26	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	41	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.004	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	24	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	25	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	85.6 %	0.1 5%	EN 12880

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Sample code:	<b>439-2015-05070502</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	6.6	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.4	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.044	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	27	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	46	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.004	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	26	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	27	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	83.2 %	0.1 5%	EN 12880

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Sample code:	<b>439-2015-05070503</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	4.7	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.8	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.044	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	26	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	47	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.005	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	27	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	28	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	85.9 %	0.1 5%	EN 12880

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Sample code:	<b>439-2015-05070504</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	5.0	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.0	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.044	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	43	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	44	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.005	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	25	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	26	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	86.4 %	0.1 5%	EN 12880

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Sample code:	<b>439-2015-05070505</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	4.9	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.4	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.029	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	28	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	48	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.004	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	27	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	28	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	84.7 %	0.1 5%	EN 12880

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Sample code:	<b>439-2015-05070506</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	5.0	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.7	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.038	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	31	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	47	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.005	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	27	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	29	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	84.3 %	0.1 5%	EN 12880

Symbol description:

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Sample code:	<b>439-2015-05070507</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	4.4	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.0	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.034	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	34	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	46	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.004	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	26	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	26	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	89.2 %	0.1 5%	EN 12880

Symbol description:

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Sample code:	<b>439-2015-05070508</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	4.9	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.0	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.034	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	27	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	46	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.005	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	26	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	27	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	0.013	mg/kg dry matter	0.01 40%	ISO/DIS 16703-Mod
a) Pyrene	0.012	mg/kg dry matter	0.01 40%	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	0.025	mg/kg dry matter	40%	ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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The results may not be reproduced except in full, without a written approval of the laboratory. The results relate only to the sample analysed.





a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	86.0 %	0.1 5%	EN 12880

Symbol description:

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Sample code:	<b>439-2015-05070509</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	4.4	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.4	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.052	mg/kg dry matter	0.01 25%	EN ISO 17294-2
a) Copper (Cu)	32	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	46	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.005	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	26	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	27	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

**Symbol description:**

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	83.9 %	0.1 5%	EN 12880

Symbol description:

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Sample code:	<b>439-2015-05070510</b>	Sampled on:	06.05.2015	
Description:	Soil Jord	Sampled by:	Oppdragsgiver	
Client Sample:	Umerket jordprøve	Analysis date:	07.05.2015	
Analysis	Result	Unit	LOQ: MU	Method
a) Arsenic (As)	5.3	mg/kg dry matter	0.5 30%	EN ISO 17294-2
a) Lead (Pb)	3.1	mg/kg dry matter	0.5 40%	EN ISO 17294-2
a) Cadmium (Cd)	0.035	mg/kg dry matter	0.01 40%	EN ISO 17294-2
a) Copper (Cu)	31	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Chromium (Cr)	43	mg/kg dry matter	0.3 30%	EN ISO 11885
a) Mercury (Hg)	0.005	mg/kg dry matter	0.001 20%	EN ISO 12846
a) Nickel (Ni)	25	mg/kg dry matter	0.5 30%	EN ISO 11885
a) Zinc (Zn)	27	mg/kg dry matter	2 25%	EN ISO 11885
<b>a) PAH 16 EPA</b>				
a) Naphtalene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Acenaphthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluorene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Phenanthrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Chrysene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(b)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(k)fluoranthene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(a)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Indeno(1,2,3-cd)pyrene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Dibenzo(a,h)anthracene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) Benzo(ghi)perylene	<0.010	mg/kg dry matter	0.01	ISO/DIS 16703-Mod
a) PAH 16 EPA (sum)	nd			ISO/DIS 16703-Mod
<b>a) PCB 7</b>				
a) PCB 28	<0.00050	mg/kg dry matter	0.0005	ISO/DIS 16703-Mod

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a)	PCB 52	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 101	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 118	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 138	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 153	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB 180	<0.00050 mg/kg dry matter	0.0005	ISO/DIS 16703-Mod
a)	PCB (7) Sum)	nd		ISO/DIS 16703-Mod
<b>a) Dry matter in soil</b>				
a)	Dry matter	87.3 %	0.1 5%	EN 12880

**Test was performed by / subcontractor:**

a) ISO/IEC 17025 SWEDAC 1125, Eurofins Environment Sweden AB (Lidköping), Box 887, Sjötagsg. 3, SE-53119, Lidköping

**Moss 19.05.2015**

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 Martine Hageengen Ringdal  
 ASM/Master in Organic Chemistry

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