



# Amended Report

**Report No.:** 22-05625-4

**Initial Date of Issue:** 23-Feb-2022      **Date of Re-Issue:** 05-Apr-2022

**Client:** ABP Food Group

**Client Address:** ABP Cahir  
Kilcommon Road  
Cahir  
Cahir  
Tipperary  
IRELAND

**Contact(s):** Morgan Burke

**Project:** Waterford Proteins

**Quotation No.:** Q22-26346      **Date Received:** 15-Feb-2022

**Order No.:** PO22406      **Date Instructed:** 15-Feb-2022

**No. of Samples:** 5

**Turnaround (Wkdays):** 7      **Results Due:** 23-Feb-2022

**Date Approved:** 05-Apr-2022

**Approved By:**

**Details:** Stuart Henderson, Technical Manager

## Results - Leachate

**Project: Waterford Proteins**

Client: ABP Food Group		Chemtest Job No.:		22-05625	22-05625	22-05625	22-05625	22-05625		
Quotation No.: Q22-26346		Chemtest Sample ID.:		1372793	1372794	1372795	1372796	1372797		
Order No.: PO22406		Client Sample Ref.:		TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1		
		Client Sample ID.:		5 Containers	5 Containers	5 Containers	5 Containers	5 Containers		
		Sample Location:		TP1	TP2	TP2	TP3	TP4		
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL		
		Top Depth (m):		0.5	0.0	0.6	0.3	0.3		
		Bottom Depth (m):		2.2	0.6	1.2	1.0	1.4		
		Date Sampled:		22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022		
Determinand	Accred.	SOP	Type	Units	LOD					
Arsenic (Dissolved)	U	1455	10:1	µg/l	0.20	1.3	0.74	0.42	1.0	2.0
Boron (Dissolved)	U	1455	10:1	µg/l	10.0	< 10	< 10	< 10	< 10	< 10
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Chromium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Copper (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Mercury (Dissolved)	U	1455	10:1	µg/l	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	0.88	< 0.50	< 0.50	0.53
Selenium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50	0.50	< 0.50
Zinc (Dissolved)	U	1455	10:1	µg/l	2.5	< 2.5	4.6	< 2.5	< 2.5	< 2.5
Mineral Oil	N	1670	10:1	Åµg/l	10	< 10	< 10	< 10	< 10	< 10
Aliphatic TPH >C5-C6	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C6-C8	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C8-C10	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C10-C12	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C12-C16	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C16-C21	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C21-C35	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aliphatic TPH >C35-C44	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Total Aliphatic Hydrocarbons	N	1675	10:1	µg/l	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Aromatic TPH >C5-C7	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C7-C8	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C8-C10	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C10-C12	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C12-C16	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C16-C21	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C21-C35	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Aromatic TPH >C35-C44	N	1675	10:1	µg/l	0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10	[B] < 0.10
Total Aromatic Hydrocarbons	N	1675	10:1	µg/l	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Total Petroleum Hydrocarbons	N	1675	10:1	µg/l	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Dichlorodifluoromethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Chloromethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Vinyl Chloride	N	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromomethane	U	1760	10:1	µg/l	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Chloroethane	U	1760	10:1	µg/l	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichlorofluoromethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

## Results - Leachate

**Project: Waterford Proteins**

<b>Client: ABP Food Group</b>		<b>Chemtest Job No.:</b>		22-05625	22-05625	22-05625	22-05625	22-05625	
Quotation No.: Q22-26346		<b>Chemtest Sample ID.:</b>		1372793	1372794	1372795	1372796	1372797	
Order No.: PO22406		Client Sample Ref.:		TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1	
		Client Sample ID.:		5 Containers	5 Containers	5 Containers	5 Containers	5 Containers	
		Sample Location:		TP1	TP2	TP2	TP3	TP4	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.5	0.0	0.6	0.3	0.3	
		Bottom Depth (m):		2.2	0.6	1.2	1.0	1.4	
		Date Sampled:		22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Type</b>	<b>Units</b>	<b>LOD</b>				
Trans 1,2-Dichloroethene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
cis 1,2-Dichloroethene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromochloromethane	U	1760	10:1	µg/l	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Trichloromethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1-Trichloroethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tetrachloromethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloropropene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Benzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloroethane	U	1760	10:1	µg/l	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichloroethene	N	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloropropane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Dibromomethane	U	1760	10:1	µg/l	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Bromodichloromethane	U	1760	10:1	µg/l	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
cis-1,3-Dichloropropene	N	1760	10:1	µg/l	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Toluene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Trans-1,3-Dichloropropene	N	1760	10:1	µg/l	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
1,1,2-Trichloroethane	U	1760	10:1	µg/l	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Tetrachloroethene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichloropropane	U	1760	10:1	µg/l	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Dibromochloromethane	U	1760	10:1	µg/l	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
1,2-Dibromoethane	U	1760	10:1	µg/l	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Chlorobenzene	N	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1,2-Tetrachloroethane	U	1760	10:1	µg/l	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Ethylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
m & p-Xylene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
o-Xylene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Styrene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tribromomethane	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Isopropylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromobenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichloropropane	N	1760	10:1	µg/l	50	[B] < 50	[B] < 50	[B] < 50	[B] < 50
N-Propylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
2-Chlorotoluene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3,5-Trimethylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
4-Chlorotoluene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tert-Butylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

## Results - Leachate

**Project: Waterford Proteins**

Client: ABP Food Group		Chemtest Job No.:					22-05625	22-05625	22-05625	22-05625	22-05625
Quotation No.: Q22-26346		Chemtest Sample ID.:					1372793	1372794	1372795	1372796	1372797
Order No.: PO22406		Client Sample Ref.:					TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1
		Client Sample ID.:					5 Containers	5 Containers	5 Containers	5 Containers	5 Containers
		Sample Location:					TP1	TP2	TP2	TP3	TP4
		Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):					0.5	0.0	0.6	0.3	0.3
		Bottom Depth (m):					2.2	0.6	1.2	1.0	1.4
		Date Sampled:					22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022
Determinand	Accred.	SOP	Type	Units	LOD						
1,2,4-Trimethylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
Sec-Butylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
1,3-Dichlorobenzene	N	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
4-Isopropyltoluene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
1,4-Dichlorobenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
N-Butylbenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
1,2-Dichlorobenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
1,2-Dibromo-3-Chloropropane	U	1760	10:1	µg/l	50	[B] < 50	[B] < 50	[B] < 50	[B] < 50	[B] < 50	
1,2,4-Trichlorobenzene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
Hexachlorobutadiene	U	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
1,2,3-Trichlorobenzene	U	1760	10:1	µg/l	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	
Methyl Tert-Butyl Ether	N	1760	10:1	µg/l	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	
Naphthalene	U	1800	10:1	µg/l	0.10	2.2	2.9	1.4	< 0.10	11	
Acenaphthylene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Acenaphthene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Fluorene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Phenanthrene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Anthracene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Fluoranthene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Pyrene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo[a]anthracene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Chrysene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo[b]fluoranthene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo[k]fluoranthene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo[a]pyrene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Indeno(1,2,3-c,d)Pyrene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Dibenz(a,h)Anthracene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo[g,h,i]perylene	U	1800	10:1	µg/l	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Total Of 16 PAH's	U	1800	10:1	µg/l	2.0	2.2	2.9	< 2.0	< 2.0	11	
PCB 28	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
PCB 52	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
PCB 90+101	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
PCB 118	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
PCB 153	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
PCB 138	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
PCB 180	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	
Total PCBs (7 congeners)	N	1815	10:1	µg/l	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	

## Results - Leachate

**Project: Waterford Proteins**

<b>Client: ABP Food Group</b>	<b>Chemtest Job No.:</b>					22-05625	22-05625	22-05625	22-05625	22-05625
Quotation No.: Q22-26346	<b>Chemtest Sample ID.:</b>					1372793	1372794	1372795	1372796	1372797
Order No.: PO22406	Client Sample Ref.:					TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1
	Client Sample ID.:					5 Containers	5 Containers	5 Containers	5 Containers	5 Containers
	Sample Location:					TP1	TP2	TP2	TP3	TP4
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					0.5	0.0	0.6	0.3	0.3
	Bottom Depth (m):					2.2	0.6	1.2	1.0	1.4
	Date Sampled:					22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Type</b>	<b>Units</b>	<b>LOD</b>					
Total Phenols	U	1920	10:1	mg/l	0.030	< 0.030	< 0.030	< 0.030	< 0.030	< 0.030

## Results - Soil

**Project: Waterford Proteins**

Client: ABP Food Group		Chemtest Job No.:		22-05625	22-05625	22-05625	22-05625	22-05625	
Quotation No.: Q22-26346		Chemtest Sample ID.:		1372793	1372794	1372795	1372796	1372797	
Order No.: PO22406		Client Sample Ref.:		TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1	
		Client Sample ID.:		5 Containers	5 Containers	5 Containers	5 Containers	5 Containers	
		Sample Location:		TP1	TP2	TP2	TP3	TP4	
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	
		Top Depth (m):		0.5	0.0	0.6	0.3	0.3	
		Bottom Depth (m):		2.2	0.6	1.2	1.0	1.4	
		Date Sampled:		22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	
Determinand	Accred.	SOP	Units	LOD					
Moisture	N	2030	%	0.020	7.2	17	9.9	15	16
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	3.7	6.4	< 0.40	3.4	0.62
Arsenic	M	2450	mg/kg	1.0	13	13	13	16	12
Cadmium	M	2450	mg/kg	0.10	< 0.10	0.52	0.14	0.10	0.14
Chromium	M	2450	mg/kg	1.0	8.4	12	18	16	16
Copper	M	2450	mg/kg	0.50	32	12	15	16	17
Mercury	M	2450	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Nickel	M	2450	mg/kg	0.50	13	18	20	14	24
Lead	M	2450	mg/kg	0.50	11	19	18	25	24
Selenium	M	2450	mg/kg	0.20	< 0.20	< 0.20	0.52	0.57	0.63
Zinc	M	2450	mg/kg	0.50	38	39	45	50	60
Mineral Oil	N	2670	mg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	[B] < 10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Chloromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromomethane	M	2760	µg/kg	20	[B] < 20	[B] < 20	[B] < 20	[B] < 20	[B] < 20
Chloroethane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

## Results - Soil

**Project: Waterford Proteins**

Client: ABP Food Group		Chemtest Job No.:		22-05625	22-05625	22-05625	22-05625	22-05625
Quotation No.: Q22-26346		Chemtest Sample ID.:		1372793	1372794	1372795	1372796	1372797
Order No.: PO22406		Client Sample Ref.:		TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1
		Client Sample ID.:		5 Containers	5 Containers	5 Containers	5 Containers	5 Containers
		Sample Location:		TP1	TP2	TP2	TP3	TP4
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.5	0.0	0.6	0.3	0.3
		Bottom Depth (m):		2.2	0.6	1.2	1.0	1.4
		Date Sampled:		22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022
Determinand	Accred.	SOP	Units	LOD				
1,1-Dichloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Trichloromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Benzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Trichloroethene	N	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Dibromomethane	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromodichloromethane	M	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Toluene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
Tetrachloroethene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Dibromochloromethane	U	2760	µg/kg	10	[B] < 10	[B] < 10	[B] < 10	[B] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0	[B] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
o-Xylene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Styrene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Tribromomethane	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Bromobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50	[B] < 50	[B] < 50	[B] < 50	[B] < 50
N-Propylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0

## Results - Soil

**Project: Waterford Proteins**

Client: ABP Food Group		Chemtest Job No.:		22-05625	22-05625	22-05625	22-05625	22-05625
Quotation No.: Q22-26346		Chemtest Sample ID.:		1372793	1372794	1372795	1372796	1372797
Order No.: PO22406		Client Sample Ref.:		TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1
		Client Sample ID.:		5 Containers	5 Containers	5 Containers	5 Containers	5 Containers
		Sample Location:		TP1	TP2	TP2	TP3	TP4
		Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):		0.5	0.0	0.6	0.3	0.3
		Bottom Depth (m):		2.2	0.6	1.2	1.0	1.4
		Date Sampled:		22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022
Determinand	Accred.	SOP	Units	LOD				
Tert-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	[B] < 50	[B] < 50	[B] < 50	[B] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0	[B] < 2.0
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0	[B] < 1.0
Naphthalene	M	2800	mg/kg	0.10	0.90	< 0.10	< 0.10	0.45
Acenaphthylene	N	2800	mg/kg	0.10	0.11	< 0.10	< 0.10	< 0.10
Acenaphthene	M	2800	mg/kg	0.10	0.77	< 0.10	< 0.10	0.53
Fluorene	M	2800	mg/kg	0.10	0.63	< 0.10	< 0.10	0.32
Phenanthrene	M	2800	mg/kg	0.10	8.3	1.3	< 0.10	2.8
Anthracene	M	2800	mg/kg	0.10	1.3	0.35	< 0.10	0.55
Fluoranthene	M	2800	mg/kg	0.10	8.4	3.6	< 0.10	4.5
Pyrene	M	2800	mg/kg	0.10	7.7	3.6	< 0.10	4.0
Benzo[a]anthracene	M	2800	mg/kg	0.10	3.1	1.5	< 0.10	1.8
Chrysene	M	2800	mg/kg	0.10	3.2	1.7	< 0.10	2.0
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	5.7	3.1	< 0.10	2.8
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	1.9	1.0	< 0.10	0.94
Benzo[a]pyrene	M	2800	mg/kg	0.10	5.4	2.7	< 0.10	2.7
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	3.3	1.6	< 0.10	1.4
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	0.67	0.32	< 0.10	0.32
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	3.3	1.6	< 0.10	1.5
Total Of 16 PAH's	N	2800	mg/kg	2.0	55	22	< 2.0	27
PCB 28	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 90+101	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180	U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010



## Results - Soil

**Project: Waterford Proteins**

<b>Client: ABP Food Group</b>	<b>Chemtest Job No.:</b>	22-05625	22-05625	22-05625	22-05625	22-05625
Quotation No.: Q22-26346	<b>Chemtest Sample ID.:</b>	1372793	1372794	1372795	1372796	1372797
Order No.: PO22406	Client Sample Ref.:	TP1 - S1	TP2 - S1	TP2 - S2	TP3 - S1	TP4 - S1
	Client Sample ID.:	5 Containers	5 Containers	5 Containers	5 Containers	5 Containers
	Sample Location:	TP1	TP2	TP2	TP3	TP4
	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):	0.5	0.0	0.6	0.3	0.3
	Bottom Depth (m):	2.2	0.6	1.2	1.0	1.4
	Date Sampled:	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022	22-Jan-2022
<b>Determinand</b>	<b>Accred.</b>	<b>SOP</b>	<b>Units</b>	<b>LOD</b>		
Total PCBs (7 Congeners)	U	2815	mg/kg	0.10	< 0.10	< 0.10
Total Phenols	M	2920	mg/kg	0.10	< 0.10	< 0.10

## Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

<b>Sample:</b>	<b>Sample Ref:</b>	<b>Sample ID:</b>	<b>Sample Location:</b>	<b>Sampled Date:</b>	<b>Deviation Code(s):</b>	<b>Containers Received:</b>
1372793	TP1 - S1	5 Containers	TP1	22-Jan-2022	B	Amber Glass 250ml
1372794	TP2 - S1	5 Containers	TP2	22-Jan-2022	B	Amber Glass 250ml
1372795	TP2 - S2	5 Containers	TP2	22-Jan-2022	B	Amber Glass 250ml
1372796	TP3 - S1	5 Containers	TP3	22-Jan-2022	B	Amber Glass 250ml
1372797	TP4 - S1	5 Containers	TP4	22-Jan-2022	B	Amber Glass 250ml

## Test Methods

SOP	Title	Parameters included	Method summary
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1670	Total Petroleum Hydrocarbons (TPH) in Waters by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO	Pentane extraction / GC FID detection
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8– C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Pentane extraction / GCxGC FID detection
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1815	Polychlorinated Biphenyls (PCB) ICES7 Congeners in Waters by GC-MS	ICES7 PCB congeners	Solvent extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8,>C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35– C44Aromatics: >C5–C7, >C7–C8, >C8– C10, >C10–C12, >C12–C16, >C16– C21, >C21– C35, >C35– C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.

## Test Methods

SOP	Title	Parameters included	Method summary
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2815	Polychlorinated Biphenyls (PCB) ICES7 Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and Trimethylphenols Note: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	Compliance Test for Leaching of Granular Waste Material and Sludge

## **Report Information**

### **Key**

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U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

### **Sample Deviation Codes**

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A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

### **Sample Retention and Disposal**

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All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)