

Monitoring and Testing Services

Fitz scientific

Boyne Business Park, Drogheda, Co. Louth.

Tel +353 (0)41 984 5440

Fax +353 (0)41 984 6171

Waste Acceptance Criteria Testing

Fitz scientific offers a comprehensive range of waste analysis services. With over 10 years experience in the analysis of wastes, composts and soils we have extensive experience in delivering quality results on time. The objective of the Landfill Directive 1999/31/EC is to prevent or reduce, as far as is possible, negative effects on the environment from the landfilling of waste, by introducing stringent testing requirements for waste going to landfill.

Fitz scientific carry out analysis based on BSEN 12457-3 Characterisation of waste leaching compliance test for leaching of granular waste materials.

We offer tailor made, competitively priced monitoring and testing services, including

- leaching L/S 2, L/S 10
- nutrient analysis
- micro and physical testing
- TOC
- Hydrocarbons C10- C40

We also offer AT4 analysis



PHONE	041 98 45440
SALES QUERIES	mkells@fitzsci.ie
TECHNICAL QUERIES	gfitz@fitzsci.ie
WEBSITE	www.fitzsci.ie

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Parameter	Units	LOD	Inert Waste	Stable Non-Reactive*	Hazardous Waste
% Dry Matter	%	0.1			
Acid Neutralisation capacity (pH4)	mol/Kg	0.5			
Acid Neutralisation capacity (pH7)	mol/Kg	0.5			
Antimony (Leachate)	mg/Kg	0.00013	0.06	0.7	5
Arsenic (Leachate)	mg/Kg	0.00005	0.5	2	25
Barium (Leachate)	mg/Kg	0.00074	20	100	300
BTEX in solid	mg/Kg	0.5	6		
Cadmium (Leachate)	ug/Kg	0.09	0.04	1	5
Chloride (Leachate)	mg/Kg	0.03	800	15000	25000
Chromium (Leachate)	mg/Kg	0.00093	0.5	10	70
Copper (Leachate)	mg/Kg	0.0002	2	50	100
Dissolved organic carbon	mg/Kg	1	500	800	1000
Fluoride (Leachate)	mg/Kg	0.02	10	150	500
Lead (Leachate)	mg/Kg	0.00038	0.5	10	50
Total Organic Carbon	mg/Kg	1	3	5	6
Mercury (Leachate)	mg/Kg	0.0002	0.01	0.2	2
Mineral Oil	mg/Kg	2.5	500		
Molybdenum (Leachate)	mg/Kg	0.005	0.5	10	30
Nickel (Leachate)	mg/Kg	0.0005	0.4	10	40
PAH (Soil)	mg/Kg	0.05	100		
PCBs in Solid	mg/Kg	0.005	1		
Selemium (Leachate)	mg/Kg	0.00074	0.1	0.5	7
Sulphate (Leachate)	mg/Kg	0.03	1000	20000	50000
Total Dissolved Solids (Leachate)	mg/Kg	5	4000	60000	100000
Zinc (Leachate)	mg/Kg	0.001	4	50	200
Phenol Index (Leachate)	mg/Kg	0.01	1		
Loss on Ignition	%	0			10
pH (Solid)	pH Units	0.01		>6	

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