

Test Certificate

Project Information			
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Customer Information	
Customer Fireblock	Contact person Neilen Enslin
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	Telephone [REDACTED]
	Fax None
	Order number Cash

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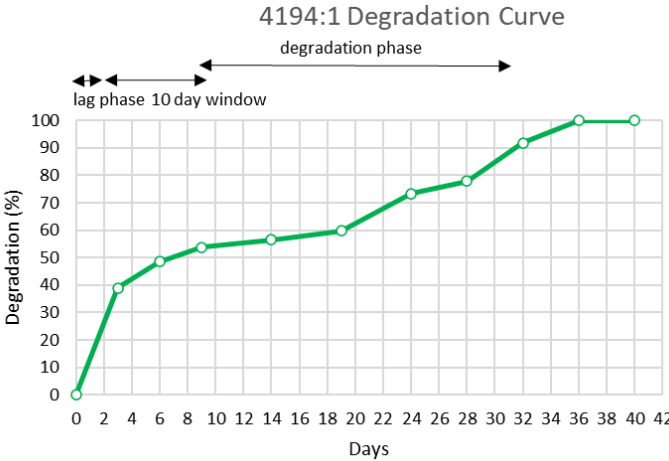
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1 Sample List

Sci-Ba Sample ID	Customer Sample ID	Comment
4194:1	Lithium Gel	Integrity is good on arrival.

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2 OECD-B Biodegradability “CO2 Evolution” – Lithium Gel

Test Substance									
Name	Lithium Gel			Physical Nature	Liquid pulp				
Description of any physicochemical properties	Presents as a liquid pulp								
Other identification data	None								
Test Conditions									
Inoculum Nature	River Water			Sampling site(s)	Black River				
Concentration	Undiluted			Pre-conditioning	5 days of preconditioning at 23°C				
Presence of industrial waste	None								
Test Duration	28 days			Temperature (°C)	21°C				
For insoluble materials describe further sample preparation	N/A								
Test Method Applied	301-B (CO2 Evolution)			Deviations	None				
Results									
	Percentage Degradation (D)								
Day	0	3	6	9	14	19	24	28	
% Degradation	0	5	13	17	24	100	100	100	
Observed inhibition problems	None								
Observed abiotic degradation	None								
<p>4194:1 Degradation Curve</p> 									
Discussion									
100% degradation after 36 day(s). The lag phase was about 1 day(s) followed by a degradation phase between days 1 and 32 whereby 90% degradation occurred and the 10-day window defined as days 1 through 11. Sample is readily biodegradable.									

Notes: Samples are tested on an ‘As Received Basis’ as supplied by the Customer and tested using standard methods for biodegradation based on the standard method OECD Guideline for Testing of Chemicals 301. Project is performed as per the Standard Terms and Conditions of Trading available at www.sci-ba.co.za.