



Eden Research Laboratory

Update

To: BiologiQ

Date: 2/28/17

From: Thomas Poth

Number of pages including cover: 1

Regarding: ASTM D5338 BiologQ 1345 Samples (370 days)

	Inculum	Negative	Positive	1345 - MBR 15121706 1.0 MIL
Cumulative Gas Volume (mL)	3168.2	2864.3	10740.0	27603.3
Percent CO ₂ (%)	81.4	82.6	83.5	89.3
Volume CO ₂ (mL)	2577.8	2366.4	8965.3	24638.1
Mass CO ₂ (g)	5.06	4.65	17.61	48.40
Sample Mass (g)	1,000	10	10	20.0
Theoretical Sample Mass (g)	0.0	8.6	4.2	15.0
Biodegraded Mass (g)	1.38	1.27	4.80	13.20
Percent Biodegraded (%)		-1.3	81.1	78.8
Adjusted Percent Biodegraded (%)		-1.6	100.0	97.2

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Biodegradation

