

Eden Research Laboratory

# Update

To: BiologiQ

Date: 2/28/17

From: Thomas Poth

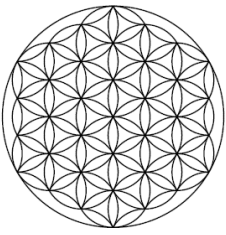
Number of pages including cover: 2

Regarding: ASTM D5338 BiologQ 1345 & 1346 Samples (370 days)

	Inculum	Negative	Positive	1345 - MBR 15121706 1.0 MIL	1346 - MBR 16011801 1.0 MIL
Cumulative Gas Volume (mL)	3168.2	2864.3	10740.0	27603.3	24364.9
Percent CO <sub>2</sub> (%)	81.4	82.6	83.5	89.3	87.8
Volume CO <sub>2</sub> (mL)	2577.8	2366.4	8965.3	24638.1	21400.0
Mass CO <sub>2</sub> (g)	5.06	4.65	17.61	48.40	42.04
Sample Mass (g)	1,000	10	10	20.0	20.0
Theoretical Sample Mass (g)	0.0	8.6	4.2	15.0	13.7
Biodegraded Mass (g)	1.38	1.27	4.80	13.20	11.46
Percent Biodegraded (%)		-1.3	81.1	78.8	73.5
Adjusted Percent Biodegraded (%)		-1.6	100.0	97.2	90.7

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## Biodegradation

