



Eden Research Laboratory

Update

To: BiologiQ

Date: 10/19/17

From: Thomas Poth

Number of pages including cover: 1

Regarding: ASTM D5338 BiologiQ 1513 Samples (177 days)

	Inculum	Negative	Positive	1513 - CP17031401 1/2" plastic strip
Cumulative Gas Volume (mL)	2579.0	1895.7	10061.3	31300.5
Percent CO ₂ (%)	75.6	69.2	84.2	86.6
Volume CO ₂ (mL)	1948.6	1310.9	8475.5	27119.5
Mass CO ₂ (g)	3.83	2.58	16.65	53.27
Sample Mass (g)	1,000	10	10	20.0
Theoretical Sample Mass (g)	0.0	8.6	4.2	16.3
Biodegraded Mass (g)	1.04	0.70	4.54	14.53
Percent Biodegraded (%)		-4.0	82.9	82.5
Adjusted Percent Biodegraded (%)		-4.8	100.0	99.6

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Biodegradation

