

Eden Research Laboratory

Up-
date

To: ACME Seals

Date: October 9, 2019

From: Thomas Poth

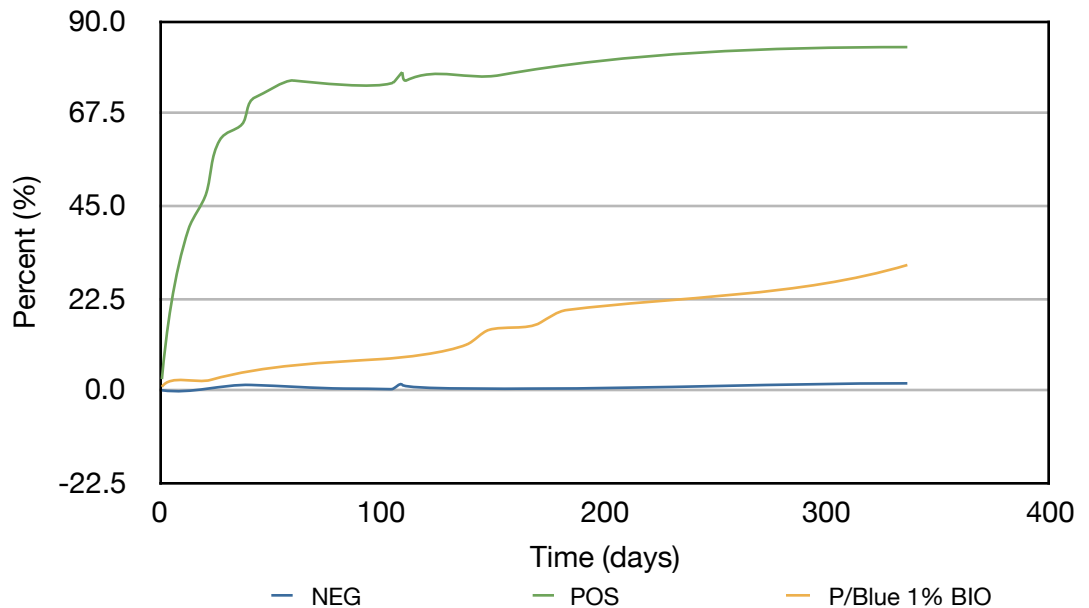
Number of pages including cover: 2

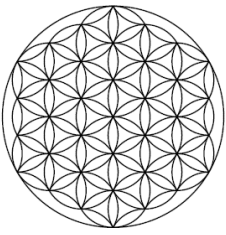
Regarding: ACME Seals Sample (336 days)

	Inculum	Negative	Positive	P/Blue 1% BIO
Cumulative Gas Volume (mL)	1462.2	1810.8	9515.3	12720.5
Percent CH ₄ (%)	42.2	44.6	39.8	50.3
Volume CH ₄ (mL)	617.0	807.2	3782.3	6396.0
Mass CH ₄ (g)	0.44	0.58	2.70	4.57
Percent CO ₂ (%)	40.0	38.3	42.1	36.3
Volume CO ₂ (mL)	584.4	694.1	4009.0	4615.7
Mass CO ₂ (g)	1.15	1.36	7.87	9.07
Sample Mass (g)	10	10	10	20.0
Theoretical Sample Mass (g)	0.0	8.6	4.2	17.1
Biodegraded Mass (g)	0.64	0.80	4.17	5.90
Percent Biodegraded (%)		1.9	83.7	30.7
* Adjusted Percent Biodegraded (%)		2.2	100.0	36.7

* not a part of the method. For information only.

Biodegradation





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Biodegradation

