

Eden Research Laboratory

Up-
date

To: ACME Seals

Date: June 3, 2020

From: Thomas Poth

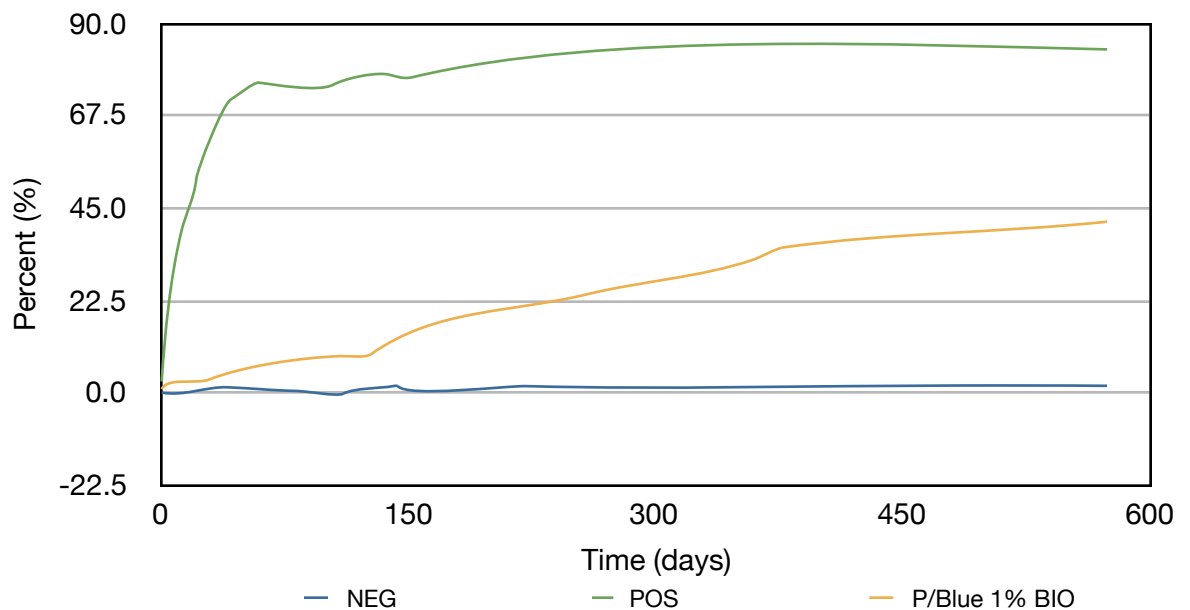
Number of pages including cover: 2

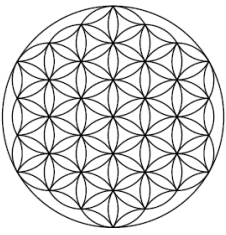
Regarding: ACME Seals Sample (574 days)

	Inculum	Negative	Positive	P/Blue 1% BIO
Cumulative Gas Volume (mL)	1678.2	2020.6	9726.6	16841.9
Percent CH ₄ (%)	44.0	45.8	40.2	51.8
Volume CH ₄ (mL)	738.8	924.8	3906.3	8726.5
Mass CH ₄ (g)	0.53	0.66	2.79	6.23
Percent CO ₂ (%)	39.3	38.0	42.0	35.8
Volume CO ₂ (mL)	659.0	767.1	4082.4	6033.3
Mass CO ₂ (g)	1.29	1.51	8.02	11.85
Sample Mass (g)	10	10	10	20.0
Theoretical Sample Mass (g)	0.0	8.6	4.2	17.1
Biodegraded Mass (g)	0.75	0.91	4.28	7.91
Percent Biodegraded (%)		1.8	83.7	41.8
* Adjusted Percent Biodegraded (%)		2.2	100.0	49.9

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

Biodegradation





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Biodegradation

