



Biogas Potential (37°C) - 14 Day Analysis Report

Sample Reference:
GPMB612 DAF Liquid

Client: Marches Biogas
(N597) Unit 4
Lower Barns Business Park
Ludlow
Shropshire
SY8 4DS

Laboratory References:

Report Number: 71353
Sample Number: SLUR 113935

Date Received: 7 October 2021

Originator:

Analysis Started: 15 October 2021

Notes:

Analysis Summary

Sample Reference	Dry Matter (% fresh wt)	Loss on Ignition (% dry wt)	Volatile Solids (% fresh wt)
GPMB612 DAF Liquid	2.20	76.94	1.69

Sample Reference	Biogas Potential (l/kg VS)	Biomethane Potential (l/kg VS)	Biogas Potential (l/kg Dry Matter)	Biomethane Potential (l/kg Dry Matter)	Biogas Potential (l/kg Fresh Wt)	Biomethane Potential (l/kg Fresh Wt)
GPMB612 DAF Liquid	699	436	538	336	12	7

Biogas Composition

Sample Reference	Measurement Time (Days)	Methane (%)	Carbon Dioxide (%)	Hydrogen Sulphide (ppm)
GPMB612 DAF Liquid	3	61	39	0
	7	62	38	0
	14	62	38	0

Biogas Production (Inoculum Subtracted)

Sample Reference	Measurement Time (Days)	Replicate 1 (l/kg VS)	Replicate 2 (l/kg VS)	Replicate 3 (l/kg VS)	Mean (l/kg VS)
GPMB612 DAF Liquid	14	698	701	#N/A	699
Cellulose	14	684	676	659	673
Inoculum	14	61	61	59	60



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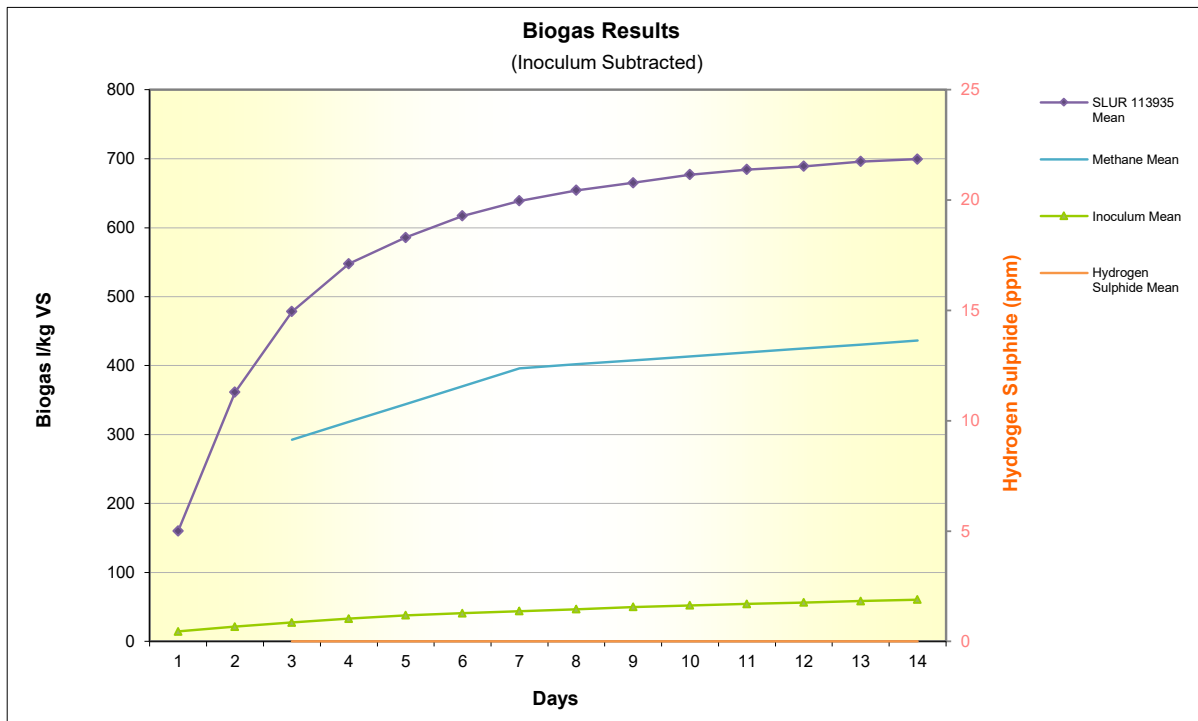
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Released by: *James Wilson*

Date: *1 November 2021*