

General	
Date	_____
Fuel makers	_____

Type WVO	_____
(waste	_____
vegetable oil)	_____

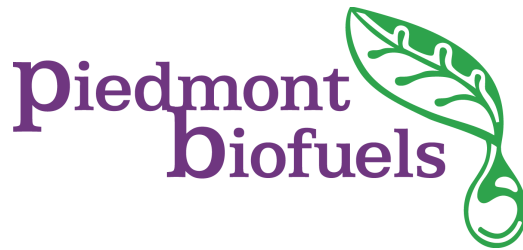
Titrations	
Titration 1	_____ Titration 4 _____
Titration 2	_____ Titration 5 _____
Titration 3	_____ Titration 6 _____
Average	_____ (Homebrew titration number)

Quantities	Totals	
WVO (Fat/Oil)	(gal)	
	(X 3.785)	
	(L)	
Base amt KOH (.9085 purity)	9.0 (g/L)	
Additional KOH based on avg. titration	(g/L)	
Total KOH (base + additional)	(g/L)	(Total KOH g/L X total liters WVO)
	(g)	
Methanol	22%	(gal)

Minibatch	
WVO	500 mL
Methanol	110 mL (22%)
KOH (Total grams per liter/2)	(g)

Reaction		
Stage #1	Stage #2	Stage #3 (if needed)
(Date)/Time _____	(Date)/Time _____	Date/Time _____
Temperature _____	Temperature _____	Temperature _____
Qty Methox _____	Qty Methox _____	Qty Methox (5%) _____
Reaction Time _____	Reaction Time _____	Qty KOH (1 g/L) _____
Settle Time _____	Settle Time _____	Reaction Time _____
Reactor level (minus glycerin) _____	27/3 results _____	27/3 results _____
Notes _____	Reactor level _____	Reactor level _____
	Notes _____	Notes _____

Prewash
Date/Time _____
Water (5%) _____
Wash time _____



WASH CYCLE		
Wash 1	Wash 2	Wash 3
Member name:	Member name:	Member name:
Date and time:	Date and time:	Date and time:
Spray Time:	Spray Time:	Spray Time:
Water: Cold / Warm	Water: Cold / Warm	Water: Cold / Warm
Bubble Time:	Bubble Time:	Bubble Time:
Settle Time:	Settle Time:	Settle Time:
Soap:	Soap:	Soap:
Notes:	Notes:	Notes:

WASH CYCLE		
Wash 4	Wash 5	Wash 6
Member name:	Member name:	Member name:
Date and time:	Date and time:	Date and time:
Spray Time:	Spray Time:	Spray Time:
Water: Cold / Warm	Water: Cold / Warm	Water: Cold / Warm
Bubble Time:	Bubble Time:	Bubble Time:
Settle Time:	Settle Time:	Settle Time:
Soap:	Soap:	Soap:
Notes:	Notes:	Notes:

DRY CYCLE	
Member name:	Member name:
Date and time:	Date and time:
Spray Time:	Spray Time:
Bubble Time:	Bubble Time:
Is it dry? Y / N	Is it dry? Y / N
Notes:	Notes:

PUROLITE POLISH	
Member name:	Member name:
Date and time:	Date and time:
Flow Rate:	Flow Rate:
Column pressure:	Column pressure:
Duration	Duration
Notes:	Notes: