CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2018

DateRun: 12/04/2018

Experimenters: Ted Kearney

ClientType: Cleaner Manufacturer

ProjectNumber: Project #14

Substrates: Glass/Quartz

PartType: Coupon

Contaminants:

Cleaning Methods: Low Pressure Spray

Analytical Methods: Gravimetric

Purpose: To measure amount of cleaner delivered per spray.

Experimental Procedure: Six clean beakers were pre-weighed. The selected cleaner was then held directly above the opening of the beaker and sprayed into each beaker for 2 seconds. The beakers were then reweighed and delivery amounts were calculated.

Results: **Results:**

Table 1. Beaker & Cleaner Weights

Cleaner Name	Initial Wt. (g)	Final Wt. (g)	Cleaner Wt. (g)	Average Cleaner Wt. (g)
Jenny Glass Cleaner	101.1578	102.0659	0.91	0.95
	99.5196	100.3811	0.86	
	100.6718	101.7602	1.09	
Rejoice Glass Cleaner	102.25	103.90	1.65	1.82
	101.05	102.75	1.7	
	95.95	98.05	2.1	

Summary:

Substrates:	Glass/Quartz				
Contaminants:					
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Brand Buzz	Brand Buzz Jenny Glass Cleaner	100%	0.95	☐	
Brand Buzz	Brand Buzz Rejoice Glass Cleaner	100%	1.82	☐	

Conclusion: Both systems did not deliver cleaner at similar rates. Jenny Glass Cleaner's average cleaner weight delivered almost 1 gram less (0.95g) when sprayed for 2 seconds when compared to Rejoice Glass Cleaner's average cleaner weight of 1.82g when sprayed for 2 seconds.