

# **CLEANING LABORATORY EVALUATION SUMMARY**

SCL #: 2001

DateRun: 12/10/2001

Experimenters: Purav Dave

ClientType: Lab

ProjectNumber: Project #1

Substrates: Aluminum

PartType: Coupon

Contaminants: Oil

Cleaning Methods: Immersion/Soak

Analytical Methods: Gravimetric

Purpose: Laboratory evaluations of alternative cleaning products

Experimental Procedure: Basic cleaning performance testing was conducted using ASTM G122 as the bases for cleaning.  
Cleaning: 5 min immersion cleaning at 120 F  
Rinsing: 30 sec manual rinsing at 120 F  
Drying: using hot gun at 500 F for 1 min.  
Contaminant : Cook's industries-Cool 5284. Cas # : 64742-53-6 , 61788-76-9 , 4719-04-4 , 9005-07-6 , 6472-52-5 , sodium petro

Results: There was a distinct layer of oil on Calgon SC 431

Summary:

<b>Substrates:</b>		Aluminum			
<b>Contaminants:</b>		Oil			
Company Name:	Product Name:	Conc.:	Efficiency:	Effective:	Observations:
Alconox Inc	Alcojet	1	98.95	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster FF	5	99.55	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster HP	5	87.64	<input checked="" type="checkbox"/>	
Buckeye International	Shopmaster LPH	5	91.23	<input checked="" type="checkbox"/>	
Calgon Corporation	SC 431	5	97.29	<input checked="" type="checkbox"/>	
Buckeye International	Immersion Cleaner	5	95.42	<input checked="" type="checkbox"/>	

Conclusion: