

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002  
 DateRun: 01/03/2002  
 Experimenters: Purav Dave  
 ClientType: Lab  
 ProjectNumber: Project #1  
 Substrates: Stainless Steel  
 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 with stir-bar agitation at 120 F.  
 Rinsing : 1/2 min. manual in water at 120 F.  
 Drying : 1 min. with heat gun at 500 F.  
 Contaminant : Citco-cutting oil NC 425.  
 Cas # : 64742-65-0, 64741-88-4, 64741-89-5, 64742-54-7

**Results:**

**Summary:**

<b>Substrates:</b>	Stainless Steel				
<b>Contaminants:</b>	Oil				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Simple Green	Crystal Simple Green Industrial Cleaner & Degreaser	5	97.13	<input checked="" type="checkbox"/>	
Calgon Corporation	Geo Guard 2000	5	94.64	<input checked="" type="checkbox"/>	
Calgon Corporation	GP Xtra	5	92.90	<input checked="" type="checkbox"/>	
PCI of America	Hurrisafe 9450	5	92.47	<input checked="" type="checkbox"/>	
Bruhin Corporation	Nature Sol 100	5	97.53	<input checked="" type="checkbox"/>	
AW Chesterton	181 Low Alkaline Cleaner	5	87.38	<input checked="" type="checkbox"/>	

**Conclusion:** All cleaners were successful.