

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2007

DateRun: 07/24/2007

Experimenters: Shweta Bansal

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 Soak cleaning at 130 F with stir-bar agitation.
Rinsing with Tap Water
Drying: 30 s50 Air blow off using hose and outlet on bench
Contaminant Soybean
Substrate 2"x 4"x 0.06" Aluminum Coupons

Results:

Summary:

| | | | | | |
|----------------------|------------------------------|---------------|--------------------|-------------------------------------|----------------------|
| Substrates: | Aluminum | | | | |
| Contaminants: | Oil | | | | |
| Company Name: | Product Name: | Conc.: | Efficiency: | Effective: | Observations: |
| Valtech Corporation | Valtron SP 2275 | 5 | 85.94 | <input checked="" type="checkbox"/> | |
| Magnaflux | Daraclean 235 | 5 | 87.28 | <input checked="" type="checkbox"/> | |
| Oakite Products | Inproclean 2500 | 5 | 87.32 | <input checked="" type="checkbox"/> | |
| Gemtek Products | SC Supersolve Safety Solvent | 5 | 85.41 | <input checked="" type="checkbox"/> | |

Conclusion: