CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2006

DateRun: 07/21/2006

Experimenters: Jason Marshall

ClientType: Cleaner Manufacturer

ProjectNumber: Project #1

Substrates: Liquid

PartType: Part

Contaminants: None

Cleaning Methods:

Analytical Methods: Performance Test

Purpose: To reevaluate chlorine levels for two products.

Experimental Procedure: Two supplied products were tested at various dilutions. The 0.02% solution was diluted to 50% and 10%. The 0.10% solution was diluted to 10%, 5% and 2.5%.

One strip of Ecolab Chlorine Test Paper was inserted into each solution and immediately compared with the color chart provided. The concentration in parts per million were recorded for all dilutions.

Results:

Product	Dilution	Estimated Concentration (ppm)
DFC Sodium hypochlorite 0.02%	50%	200
DFC Sodium hypochlorite 0.02%	10%	50-75
DFC Sodium hypochlorite 0.10%	10%	200
DFC Sodium hypochlorite 0.10%	5.00%	200
DFC Sodium hypochlorite 0.10%	2.50%	50

Summary:

Conclusion: The DFC Sodium hypochlorite 0.02% solution was found to have chlorine concentration of 50-75 ppm when diluted to 10%. The DFC Sodium hypochlorite 0.10% solution was found to have chlorine concentration of 50 ppm when diluted to 2.5%.