CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2024
DateRun:	09/30/2024
Experimenters:	Alicia McCarthy, Rachael Rososky
ClientType:	
ProjectNumber:	Project #2
Substrates:	Ceramics
PartType:	Part
Contaminants:	Food
Cleaning Methods:	Manual Wipe
Analytical Methods:	Performance Test
Purpose:	Evaluate the efficiency of Elcove Dish Soap and Seventh Generation Foaming Dish Spray in removing standard food soil from ceramic plates.
Experimental Procedure:	Ten ceramics plates were soiled with 1/2 of DCC-18 food soil per plate. Six plates were cleaned with Elcove Dish Soap and four plates were cleaned with Seventh Generation Power Plus Foaming Dish Spray. Each cleaner was either sprayed or pumped onto a sponge according to the SOP (about 2 grams of product per sponge) and the plates were scrubbed with the sponge. The plates were rinsed with tap water and left to air dry. Water hardiness was measured and recorded. Visual observations were taken after the plates were done air drying.
Results:	Results

Product	Number of plates	Water hardiness	Observations
A (Elcove)	6	10 ppm/ mg/l, 1gpg	Easier to clean, had more foam generated on soap surface even after halfway
B (7th generation)	4	10 ppm/ mg/l, 1gpg	Very low foam to begin with after first dish, went away after 4 dishes

Summary:

Conclusion: The Elcove Dish Soap performed better than the Seventh Generation Power Plus Dish Spray.