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**Efficacy Testing of Hand Soaps as per CCD-104**

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Scope: To compare the performance of lotion hand soaps to national brands.

Standards: CCD-104 / GS-41 (Guidance Document)

Products Tested:

Products	UPC#	Lot#
PCS ECOgent Moisturizing Hand Wash LC#12-T0683	-	-
Stoko Estesol Light Duty Hand Cleanser LC#06-T0406	-	-

Procedure: 0.5 grams of a standard soil was applied to the palms of the panelist. The standard soil used for this test was the ASTM D3556 soil D. 2.0 grams of the existing national brand was then placed on the hands and rubbed thoroughly for 15 seconds. During this time, the cleaning ability of the national brand was noted and used for a benchmark until the test product was evaluated. The cleaner was then washed off with room temperature tap water for 15 seconds and the rinsing ability was noted as well as the over-all feel on the skin after drying.

Once the national brand testing was completed, the test product was then tested using the same procedure. Each of the three attributes were rated using the rating system below.

*Ranking System*

- 1 -much better than the national brand
- 2 -slightly better than the national brand
- 3 -same as the national brand
- 4 -worse than the national brand

Results: Six panelists completed the testing as outlined above and the average ratings were reported. The six panelists were selected from a cross section of age groups and both genders.

*Table I: PCS ECOgent Moisturizing Hand Wash LC#12-T0683*

Attribute	Rating
Overall Cleaning	3.2
Rinsing	2.7
Feel on Skin	3.3



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Conclusion: Overall, the performance of the two hand soaps are comparable.

Tested by: \_\_\_\_\_  
Lab Supervisor

Approved by: \_\_\_\_\_  
Technical Manager

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