



**Pharmacy
Consultant
Services**

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CERTIFICATION OF USP MOISTURE PERMEATION TESTS

Prepared for : Health Care Logistics, Inc.
PO Box 25
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Objective: To quantify moisture permeation, according to the USP standards, for the unit dose blisters and packaging foils within the HCL product line.

Summary: Ten empty blisters serve as the control, while ten sample blisters are packaged with dried desiccant pellets and sealed using the common method of packaging utilizing HCL foil labels.

Results: All tests resulted in unit doses products that were effective in preventing moisture permeation into the packages and all fell within the USP classification of "CLASS B" packaging materials.

HCL Products Tested:

Amber High Barrier Blisters: 7006, 7010, 7011, 7012, 7013

Clear High Barrier Blister: 7211, 7212, 7213,

Foil Labels: New Technology, X-Large Reg-foil and Reg-foil

FDA Expiration Dating and USP Class A & B Unit Dose Packaging:

"The Expiration date can be up to six months from the date it was packaged if the unit dose package meets CLASS A or B Standards as represented in the USP, general tests, for single unit and unit dose containers for capsules and tablets. However, the six month expiration dating can not exceed twenty-five percent of the time remaining between the date it was packaged and the expiration date on the original manufacture's bulk container provided the bulk container has not been previously opened.

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