



## Certification of the USP Moisture Permeation Test

**Prepared for:**

Health Care Logistics  
450 Town Street  
Circleville, Ohio 43113-0025

**Objective:**

To quantify moisture permeation, according to the USP Standards for the HCL # 7079 Condensed Blister 0.013 mil thickness PVDC material and Laser Labels HCL# 6123 Lot # unknown of Health Care Logistics.

**Summary:**

Ten sample blisters were packaged with dried desiccant tablets and sealed using moderate force with a sealing roller on a foam tray with pre-formed compartments. Ten empty blisters served as the control. All blisters were placed in a temperature and humidity controlled environment; taken out to equalize to room temperature and weighed on an electronic balance per USP Testing Standard Method I from Section <671> Containers-Permeation. Testing was performed for a 30-day duration. The following formula for moisture permeation was used to calculate the mg gained per day:

$$\text{Moisture Permeation} = (1/N) [W_f - W_i] - (C_f - C_i)]$$

**Results:**

For the 30 day testing program, this package configuration was effective in preventing moisture permeation and meets the parameters provided by the USP to warrant a "Class A" package classification.

Tested by:  
DevelopMed Ltd.

A handwritten signature in cursive script that reads 'Kenneth F. Bober'.

Kenneth F. Bober, R.Ph.  
President