



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 Medium Extra High Barrier Aclar Blister Block HCL #7004 - and Laser Foil Labels HCL # 6126 for HCL #7004 Blister Block.

Summary:

Ten sample blisters HCL #7014 Medium Extra High Barrier Aclar Blisters - Mfg. Date: 122204 and HCL # 6121 Laser Foil Labels for these Extra High Barrier Blisters - Mfg. Date: 122004 - TST222 of Health Care Logistics 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, for this package configuration was effective in preventing moisture permeation and meets the parameters provided by the USP to warrant a "Class A" package classification. As such, the HCL# 7004 Blister Block and HCL# 6126 Laser Foil Labels for #7004 Blister Block which are exactly the same material composition (blister/label) also meet the same parameters provided by the USP to warrant a "Class A" package classification.

Tested by:

DevelopMed Ltd.

Kenneth F. Bober
Kenneth F. Bober, R.Ph.
President

384 Selbourne Road ▼ Riverside, IL 60546 ▼ Phone: 708-447-6540 ▼ Fax: 708-447-0893 ▼ e-mail: kbober@ameritech.net

Dated: March, 2009