

Test Start Date: April 24, 2006

Container: Kodiak R36

Test Method:

The lid was conditioned using a Kodiak freeze rack.

The payload of 19 8 oz. bottles were cooled to 4.4 degrees C in the refrigerator.

The lid was removed from the refrigerator and allowed to warm up for 15 minutes so it was at to room temperature.

The lid was then placed on the unit to pre-condition the unit. This took approximately 45 minutes.

Once the internal temperature was stable between 2 - 8C, the payload bottles were removed from the refrigerator and loaded in the Kodiak unit.

The lid was closed and the logger was started.

Each day, every hour on the half hour, the lid was opened for 30 seconds."

At the end of the fourth day, the unit was allowed to run until the internal phase change material was exhausted. This occurred at approximately 120 hours. The payload remained with specification for the test.

Results:

Distributed by:



**Kodiak Thermal Technologies, Inc. —
Test Results**

PO BOX 550437
Houston, TX 77255-0437
PH: (713) 686-1553
FX: (713) 682-7699
www.GoKodiak.com
info@GoKodiak.com

**Kodiak Thermal Technologies, Inc. — Test
Results**

**Kodiak R36 120 Hour
Open-Close
Profile Validation Results**



Revolutionizing the Cold Chain



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OPEN - CLOSE TEST R36 4-24-06

