



HEALTH WORLD LIMITED

A.B.N. 73 010 636 165

RE: POTENCY QUERY FOR PROBIOTICS

The refrigerated packed product is packed with an ice pack then wrapped with bubble wrap. These are then packed into a carton box and stored in temperature controlled conditions until shipped to the airport. The product is then couriered to the required address. Up until the stage of processing a clients order the product has been stored under temperature controlled conditions guaranteeing the products quality. The only period that the product is not under temperature controlled conditions is the transit stage from airport/depot to the final destination. The ice-pack and other insulation packaging materials provides an adequate environment for the probiotic material to survive even when the outer temperatures of >40 degrees Celsius.

It is important to note that trials carried-out by Health World show that the product in a glass bottle left in an environment of 40 degrees C. for 48 hrs showed that the probiotic activity was still viable. Health World's packaging provides adequate protection for the product during transit at high temperatures.

The following chart outlines the results from the product stability study:

Temperature (degrees C)	Time guaranteed to be above label potency
40	48 hrs
30	14 days
25	4 months
4	2 years

The results show the product to be very tolerant to prolonged periods of storage and to variations in transport conditions without harming the bacteria.

REMEMBER: Health World recommends Probiotics be kept refrigerated at all times after receiving, to maintain above maximum potency.

Thank You

Michael Micallef
Health World limited
Regulatory Manager.

741 Nudgee Road
Northgate
Brisbane
Queensland
Australia 4014

Phone: (07) 3117 3300
Fax: (07) 3117 3399

Correspondence to:
PO Box 675
Virginia BC
Queensland
Australia 4014

hworld@healthworld.com.au
www.metagenics.com.au