



125 SHERWOOD AVENUE
FARMINGDALE, NY 11735
Phone: 631-501-1452 Fax: 631-501-1453
1-888-COLD-PAK | www.nortechlabs.com

November 15th, 2005

This letter states that Nortech labs completed temperature range testing on their new formulation Instant Cold Packs called InstaKool on November 14th, 2005. Below information provided shows the InstaKool product which contains water and a urea base ingredient has met the (ANSI) Z308.1-2203 American National Standard-Minimum Requirement for Cold Packs 5.2.1.6. Tested Cold Packs were activated under normal pressure and showed no leakage.

Requirement to meet standard are as follows: each cold shall be at least 4x5 inches in size and shall reach a temperature between 20°F to 40°F with 10 seconds of activation. Cold pack shall also maintain a temperature between 20°F to 40°F for a period of at least 15 minutes.¹

Size of Instant Cold Pack	°F w/in 10 sec. of activation	°F for at least 15 minutes
* 4" x 6" (kit size)	28.82°	38.04°
* 5" x 7" (junior size)	27.54°	37.86°
* 6" x 8 3/4" (large size)	26.34°	36.86°

*** Instant Cold Packs that were tested are ammonium nitrate-free or hazmat-free.**

¹ Dr. Annamalai Selvakumar, Memorial Sloan-Kettering



Nortech Labs, Inc.

Providing green and innovative quality products to the medical, healthcare and cold chain shipping industry for over 50 years.

