



**CONTAINER TESTING LABORATORY, INC.**  
PACKAGE ENGINEERING • RESEARCH • CONSULTATION • TESTING

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**PACKAGING PERFORMANCE UN/USDOT/IATA\*/ICAO\*/IMDG  
CERTIFICATE**

CONTAINER TESTING LABORATORY ID #+AQ

Certification Report #2173  
CTL P. #39814-A

REQUESTING PARTY: Mr. Mauricio Lima Filho  
IMER DO BRASIL  
Estrada do Otaviano, 535  
Rocha Miranda, RJ  
Brazil 21540-010

1. Product tested: combination packaging, comprising a 118,850 cm<sup>3</sup> regular slotted fibreboard box (International Box Code 0201) outer packaging tested with four (4) 3.785 liter (1 gallon) clear glass round bottles, with integral "trigger" handles, white plastic screwcap closures and foamed plastic liners sealed with adhesive plastic tape and inserted 2 X 2 into a plastic bag with absorbent dunnage void space filler. The use of other packaging methods or components may render this report invalid.

2. Designated packaging code type: 4GV  
Packaging nomenclature: Combination Package

3. Tests performed:

TEST	SPEC	INTENSITY	RESULTS
Cobb	UN Para 6.1.4.12.1 (IATA 6.2.12)	105.7 g/m <sup>2</sup>	Pass
Drop	UN Para 6.1.5.3 (IATA 6.3.3)	1.8 meter	Pass
Stacking	UN Para 6.1.5.6 (IATA 6.3.6)	317 kg	Pass
Vibration	USDOT 49CFR 178.608	1 hour	Pass


4. Authentication: USA/+AQ2173

5. I certify that the samples of the packaging prepared as for transport, described herein and tested in December 2001 and January 2002 in the manner summarized in paragraph (3) above, successfully passed the tests according to the criteria described in paragraphs 6.1.4.12.1, 6.1.5.3 and 6.1.5.6 as set forth in the UN Recommendations of the Committee of Experts on the Transportation of Dangerous Goods, Chapter 6, 11<sup>th</sup> revised edition and USDOT 49CFR Section 178.608, and that the packages may bear the marking authorized under the competent authority ruling UN paragraph 6.1.5.1.7, IATA 42<sup>nd</sup> Edition paragraph 6.3.1.3 and USDOT 49CFR Section 178.601(g)(2):



**4GV / X 40 / S / \***  
**USA / +AQ2173**

\* year of manufacture

By:   
CONTAINER TESTING LABORATORY, INC.  
CERTIFICATION OFFICER

Date: January 2, 2002

- \* For Air Transport Inner Packagings containing liquids must comply with Internal Pressure Testing UN Paragraph 4.1.1.4.1 (IATA Paragraph 5.0.2.9)

CC: Mr. Rob Smith, CARGOpak Corporation, 3215 Wellington Court, Suite A, Raleigh, NC 27615