



“We Point Toward Product Solutions”

**50 Unit Sequential Child Protocol Test
January 16, 2015 - February 10, 2015**

**Conducted for:
Glopak USA Corp**

**Test No.:
GLO15-01SC**

**Sample Type
10mm CRC Closure on 10ml PET Bottle**

**Bird Dog Marketing Group, LLC
166 Farmington Lane
Lancaster, PA 17601
(717) 475-9751
(717) 615-9022**



Test Objective & Procedures

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

Customer Test No:

Test Description: **50 Unit Sequential Child Protocol Test
January 16, 2015 - February 10, 2015**

Report to: Glopak USA Corp
1816 127th Street 2F
College Point, NY 11356

10mm CRC Closure on 10ml PET Bottle

OBJECTIVE

Glopak USA Corp submitted the following test for evaluation by Bird Dog Marketing Group, LLC to see if it meets the child-resistant (42-51 months of age) criteria set forth by the C.P.S.C. for poison prevention packaging.

PROCEDURE

This test follows the guidelines set forth by the C.P.S.C., and published in the Federal Register on July 21, 1995 pgs. 37710-37744 re 16 CFR parts 1700.15 and 1700.20.

DISCLAIMER

Bird Dog Marketing Group, LLC (Lancaster, PA. USA) is an independent marketing research firm specializing in field testing of child-resistant packages. It is to be noted that to the best of our knowledge, there are no commercial and or conflicts of interest between Bird Dog Marketing Group, LLC and Glopak USA Corp at the time of this study. The results of this protocol are based only on the data collected and the guidelines set forth by the C.P.S.C. under 16 CFR parts 1700.15 and 1700.20

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10mm CRC Closure on 10ml PET Bottle

Picture





Test Results and Discussion

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

Customer Test No:

Test Description: **50 Unit Sequential Child Protocol Test
January 16, 2015 - February 10, 2015**

RESULTS AND DISCUSSION

RESULTS AND DISCUSSION:

Test GLO15-01SC consisted of fifty (50) children (42-51 months) being tested in fourteen (14) sites from January 16, 2015 through February 10, 2015. This test is a 50 unit sequential child (42-51 months of age) portion of a full 200 child protocol as per the final rule set forth by the C.P.S.C. dated July 21, 1995 pgs. 37710-37744 re 16 CFR parts 1700.15 and 1700.20

The results of the study are as follows:

- 1) A child failure is defined as any child who opens the package
- 2) NONE (0) of the children were able to open their package before demonstration
 - Refer to Child Test Detail Report
- 3) NONE (0) of the children were able to open their package after demonstration
 - Refer to Child Test Detail Report
- 4) The CPSC requires a child-resistant effectiveness of no less than 94.00% percent before demonstration and 90.00% after demonstration with 50 children tested
- 5) The child-resistant effectiveness for this package is 100.00% percent before demonstration and 100.00% after demonstration with 50 children tested
- 6) Based on the results of this test, the submitted package meets the criteria set forth by the C.P.S.C., as published in the Federal Register dated July 21, 1995 pgs. 37710-37744 re 16 CFR part 1700.15 and 1700.20

PACKAGE DESCRIPTION:

The package used for test GLO15-01SC was a 10mm CRC Closure on 10ml PET Bottle.

The composition of the package and its component information is as follows:

CLOSURE:

Description: 10mm Child Resistant Cap
Lot #: 12012014GP
Resin: Polypropylene (PP)
Colorant: White

BOTTLE:

Description: 10ml e-juice bottle
Lot #: 112012014GP
Resin: Polyethylene Terephthalate
Colorant: Clear

There were no instructions on the closure explaining how to open and resecure the package.



Test Results and Discussion

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

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A picture of the test package appears on Page 3.

TEST PACKAGE PREPARATION:

- 1) Bird Dog Marketing Group, LLC received test sample packages in January of 2015.
 - 2) The packages were prepared by Bird Dog Marketing Group, LLC and set at 6 torque-in.-lbs. per Glopak USA Corp.
 - 3) All of the closures were removed and re-applied at 6.0 t.i.p. using a SecurePak Spring Torque Tester prior to presenting them to the children for protocol testing.
 - 4) The testing agency numbered all of the packages (1-50) to track the testing results.
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Submitted by: Mark D. Perkins

A handwritten signature in black ink that reads 'Mark D Perkins' in a cursive script.

Senior Member



Child Resistant Packages Test Summary Report

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

Customer Test No:

Test Description: **50 Unit Sequential Child Protocol Test
January 16, 2015 - February 10, 2015**

Gender	Age Group/ Months	No. of Children Tested	Before Demonstration	After Demonstration	Total
Female	42-44	7	0.00	0.00	0.00
Male	42-44	8	0.00	0.00	0.00
		<u>15</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Female	45-48	10	0.00	0.00	0.00
Male	45-48	10	0.00	0.00	0.00
		<u>20</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Female	49-51	8	0.00	0.00	0.00
Male	49-51	7	0.00	0.00	0.00
		<u>15</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
Report Totals:		<u><u>50</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>	<u><u>0.00</u></u>



Proctor Participation Report

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

Customer Test No:

Test Description: **50 Unit Sequential Child Protocol Test
January 16, 2015 - February 10, 2015**

No. of Test Participants: 50.00
Max. Participants per Proctor: 30.00 %

Proctor Id	Name	No. of Males	No. of Females	Total No.	Percent
DOW	Denise White	7	7	14	28.00
FMS	Fran Sensenig	7	5	12	24.00
MSL	Stephany Lombardo	2	8	10	20.00
SJB	Sally Brinker	2	2	4	8.00
SMB	Susan Braswell	7	3	10	20.00
Report Totals:		25	25	50	



Site Participation Report

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

Customer Test No:

Test Description: **50 Unit Sequential Child Protocol Test
January 16, 2015 - February 10, 2015**

No. of Test Participants: 50.00

Max. Participants per Site: 20.00 %

Site Id	Description	No. of Males	No. of Females	Total No.	Percent
BUCCPS	Bethany UCC Pre-School	1	4	5	10.00
CAAR	Chesterbrook Academy - Airport Road	1	0	1	2.00
CAHP	Chesterbrook Ac - Harrisburg Pike	2	2	4	8.00
COCC	Cocalico Care Center	2	4	6	12.00
COTA	Church of the Apostles	2	7	9	18.00
GHCA	Grandview Christian Academy	8	2	10	20.00
HLCPC	Hildabrandt Learning Ctr. - PC	1	0	1	2.00
KCWV	Kinder Care - WV	0	2	2	4.00
MBIC	Manheim Brethren in Christ	3	1	4	8.00
NAQV	Noah's Ark - Quarryville	3	0	3	6.00
SPPS	St. Peters Pre School	0	1	1	2.00
SWGR	Small Wonders Academy	1	0	1	2.00
SWTR	SMALL WONDERS ACADEMY	1	0	1	2.00
TWPS	Tomorrow's World Pre-School	0	2	2	4.00
Report Totals:		25	25	50	



Age Distribution Report

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

Customer Test No:

Test Description: **50 Unit Sequential Child Protocol Test**
January 16, 2015 - February 10, 2015

Age (Months)	No. of Males	No. of Females	Total Participants
42	3	2	5
43	3	2	5
44	2	3	5
45	4	2	6
46	1	2	3
47	2	3	5
48	3	3	6
49	2	1	3
50	2	4	6
51	3	3	6
Report Totals:	25	25	50



Child Resistant Packages Test Detail Report

Bird Dog Marketing Group, LLC

Test Id: GLO15-01SC

Customer Test No:

Test Description: **50 Unit Sequential Child Protocol Test
January 16, 2015 - February 10, 2015**

Sample No.	Male/ Female	Age Group/ Months	Test Date	Birth- Date	Age/ Months	Site Id	Proctor Id	Method	Opening Seconds
06	F	42-44	1/20/2015	6/23/2011	43	BUCCPS	DOW		601
11	F	42-44	1/23/2015	6/5/2011	44	GHCA	DOW		601
15	F	42-44	1/20/2015	7/16/2011	42	BUCCPS	DOW		601
20	F	42-44	1/20/2015	7/30/2011	42	BUCCPS	DOW		601
21	F	42-44	1/20/2015	6/2/2011	44	TWPS	SMB		601
39	F	42-44	1/20/2015	5/13/2011	44	TWPS	SMB		601
40	F	42-44	1/16/2015	6/29/2011	43	KCWV	FMS		601
04	M	42-44	1/23/2015	7/14/2011	42	GHCA	DOW		601
14	M	42-44	2/3/2015	7/31/2011	42	NAQV	SMB		601
26	M	42-44	1/23/2015	7/25/2011	42	GHCA	DOW		601
27	M	42-44	2/3/2015	5/29/2011	44	NAQV	SMB		601
29	M	42-44	1/30/2015	5/24/2011	44	MBIC	SMB		601
41	M	42-44	2/3/2015	7/14/2011	43	NAQV	SMB		601
43	M	42-44	1/20/2015	6/23/2011	43	BUCCPS	DOW		601
49	M	42-44	1/23/2015	6/24/2011	43	GHCA	DOW		601
01	F	45-48	1/16/2015	1/28/2011	48	KCWV	FMS		601
03	F	45-48	1/21/2015	2/12/2011	47	COTA	MSL		601
09	F	45-48	1/30/2015	1/30/2011	48	MBIC	SMB		601
12	F	45-48	1/21/2015	2/22/2011	47	COTA	MSL		601
19	F	45-48	1/21/2015	3/12/2011	46	COTA	MSL		601
23	F	45-48	2/5/2015	4/25/2011	45	SPPS	MSL		601
25	F	45-48	1/21/2015	2/1/2011	48	COTA	MSL		601
28	F	45-48	1/21/2015	2/17/2011	47	COTA	MSL		601
32	F	45-48	1/20/2015	3/6/2011	46	BUCCPS	DOW		601
33	F	45-48	1/21/2015	4/7/2011	45	COTA	MSL		601
10	M	45-48	1/30/2015	4/29/2011	45	MBIC	SMB		601
18	M	45-48	2/6/2015	4/28/2011	45	CAAR	FMS		601
24	M	45-48	1/23/2015	1/15/2011	48	GHCA	FMS		601
36	M	45-48	2/5/2015	5/19/2011	45	SWGR	SMB		601
38	M	45-48	2/10/2015	1/30/2011	48	COCC	DOW		601
42	M	45-48	1/30/2015	5/3/2011	45	MBIC	SMB		601
44	M	45-48	2/10/2015	2/27/2011	47	COCC	DOW		601
47	M	45-48	1/23/2015	3/31/2011	46	GHCA	FMS		601
48	M	45-48	2/6/2015	2/26/2011	47	HLCPC	FMS		601
50	M	45-48	1/23/2015	1/31/2011	48	GHCA	FMS		601
08	F	49-51	2/10/2015	12/18/2010	50	COCC	DOW		601
13	F	49-51	2/10/2015	12/10/2010	50	COCC	DOW		601
17	F	49-51	1/23/2015	10/8/2010	51	GHCA	FMS		601



Child Resistant Packages Test Detail Report

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Sample No.	Male/ Female	Age Group/ Months	Test Date	Birth- Date	Age/ Months	Site Id	Proctor Id	Method	Opening Seconds
30	F	49-51	1/21/2015	12/10/2010	49	COTA	MSL		601
34	F	49-51	2/10/2015	11/18/2010	51	COCC	FMS		601
35	F	49-51	1/28/2015	12/2/2010	50	CAHP	SJB		601
37	F	49-51	2/10/2015	11/24/2010	51	COCC	FMS		601
46	F	49-51	1/28/2015	11/30/2010	50	CAHP	SJB		601
02	M	49-51	1/30/2015	12/23/2010	49	SWTR	DOW		601
05	M	49-51	1/23/2015	12/21/2010	49	GHCA	FMS		601
07	M	49-51	1/28/2015	10/15/2010	51	CAHP	SJB		601
16	M	49-51	1/23/2015	10/29/2010	51	GHCA	FMS		601
22	M	49-51	1/28/2015	10/13/2010	51	CAHP	SJB		601
31	M	49-51	1/21/2015	11/19/2010	50	COTA	MSL		601
45	M	49-51	1/21/2015	11/14/2010	50	COTA	MSL		601



Package Identification Report

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Sample No.	Customer Package Id No.	Sample No.	Customer Package Id No.	Sample No.	Customer Package Id No.
01	01	39	39		
02	02	40	40		
03	03	41	41		
04	04	42	42		
05	05	43	43		
06	06	44	44		
07	07	45	45		
08	08	46	46		
09	09	47	47		
10	10	48	48		
11	11	49	49		
12	12	50	50		
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