


Study Title

100-Person Repeated Insult Patch Test with 

Study Completed On

October 11, 1991

Contracting Laboratory

Biosearch, Inc.
P. O. Box 8598
Philadelphia, Pennsylvania 19101

Author

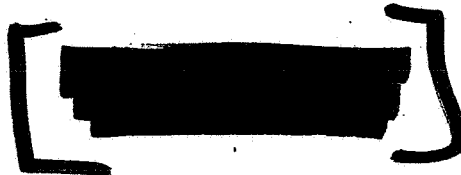
Armand Affrime

for

E. I. du Pont de Nemours and Company
Haskell Laboratory for Toxicology and Industrial Medicine
Elkton Road, P. O. Box 50
Newark, Delaware 19714

Study Monitor

Scott E. Loveless



Laboratory Project ID

Haskell Laboratory Report No. 706-91

GENERAL INFORMATION

Material Tested: [REDACTED]

Medical Research No.: [REDACTED]

Haskell No.: 18,790

Biosearch Project No.: 91-7346H

Haskell Test Code No.: [REDACTED]

Purity: [REDACTED]

Physical Form: White milky liquid

Composition: [REDACTED]

Contaminants: [REDACTED]

Synonyms: [REDACTED]

Other Codes: [REDACTED]

Stability: In the absence of visible evidence to the contrary, the test materials were assumed to be stable under the conditions of administration.

Sponsor: Du Pont Chemicals
E. I. du Pont de Nemours and Company
Wilmington, Delaware

Materials Submitted By: [REDACTED]
Du Pont Chemicals
E. I. du Pont de Nemours and Company
Jackson Laboratory
Chambers Works

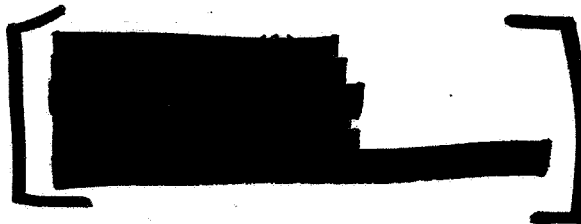
Study Initiated - Completed: 7/15/91 - 10/11/91

In-Life Phase
Initiated - Completed: 7/15/91 - 8/16/91

GENERAL INFORMATION (CONT.)

There are 17 pages in this report.

Distribution:



DU PONT CENTRAL RESEARCH AND DEVELOPMENT
HASKELL LABORATORY FOR TOXICOLOGY
AND INDUSTRIAL MEDICINE

October 11, 1991

[REDACTED]
Du Pont Chemicals
Jackson Laboratory
Chambers Works

100-Person Repeated Insult Patch Test with [REDACTED]

Attached are reports from Biosearch, Inc. (Project 91-7346H). Included in the reports are patch test methods, results and conclusions.

During the induction and challenge phases of this study [REDACTED] produced no adverse skin responses in 100 and 100%, respectively, of those subjects who were active participants.

Based upon the effects observed with the test material placed repeatedly on the skin during both the induction and challenge phases [REDACTED] is not considered a skin irritant or sensitizing agent under the conditions that prevailed in this study.

Scott E. Loveless

Scott E. Loveless, Ph.D.
Senior Research Toxicologist

SEL/alw

BIOSEARCH INCORPORATED

P.O. Box 8598, Philadelphia, Pennsylvania 19101

Telephone: (215) 739-4499

Fax: (215) 423-9210

Project Number: 91-7346H

Testing Facility: Biosearch Incorporated
3408-50 "B" Street
Philadelphia, PA 19134

Sponsor: E.I. Du Pont De Nemours & Company
P.O. Box 50, Elkton Road
Newark, DE 19714

Test Article: H-18,790

Test Article Description: White milky liquid

Test Article Received: 07/12/91

Study Initiated: 07/15/91 **Study Completed:** 08/16/91

Date of Report: 08/20/91

Test: Modified Draize Repeated Insult Patch Test Study in Human Subjects.

Object of Test: To determine the irritating, fatiguing and sensitizing properties of the test article.

Method of Test: The method employed in carrying out this test was similar to that described in "Appraisal of the Safety of Chemicals in Foods, Drugs and Cosmetics" by J.H. Draize and published by the Association of Food and Drug Officials of the United States.

The test involved the application of the test article to the upper arms of a group of 113 volunteer subjects. One hundred and six subjects completed the study (see Subject List). These subjects were all determined to be in good general health and free of any visible skin disease or anomaly in the area to be patched. Each subject was required to read, understand and sign an informed consent statement.

The test article was tested as a 50% w/w dilution in distilled water.

Project Number: 91-7346H

E.I. Du Pont De Nemours & Company - H-18,790

Modified Draize Repeated Insult Patch Test Study in Human Subjects

Method of Test:
Induction Phase

A 0.2 ml portion of test article, as prepared, was placed on a 3/4" diameter Lintine® disc (Filter Fabrics, Inc., Goshen, IN 46526), affixed to 2" Dermicel® hypo-allergenic cloth tape (Johnson & Johnson, New Brunswick, NJ 08903). The patch was then applied to the contact site and remained in place for 24 hours.

At the end of this period, the patch was removed and the site was examined for any dermal response. Scoring of irritation was in accordance with the scale in the Appendix. The subjects were then rested for a 24 hour period after which the skin site was again examined. A patch was then applied to the same site as previously used. The second application was identical to the first and remained in place 24 hours. This procedure was repeated on Mondays, Wednesdays and Fridays until a series of nine applications had been made. Patch applications made on Friday were removed by the subject on Saturday. The subjects examined the site for any dermal response and reported their observations prior to the next application. The same site continued to be used throughout the study.

Challenge Phase

After the 9th application, a rest period of approximately 2 weeks elapsed after which a challenge application was applied in the same manner and to the same site described above. A duplicate challenge application was also applied in the same manner to a virgin site (previously untreated) on the other arm. The challenge application was removed after 24 hours and the sites were examined for signs of irritation or sensitization. Follow up examinations were conducted at 48 hours after the challenge application.

The subjects involved in this study ranged in age from 16 to 67 years of age.

Results:

See accompanying table, summary and appendix.

Conclusion:

From the results obtained in this study as described above with the particular group of subjects tested, the test article is most likely not a primary skin irritant. The test article is most likely not a fatiguing agent. The test article is most likely not a sensitizing agent.

Company Sanitized. Does not contain TSCA CR

Project Number: 91-7346H

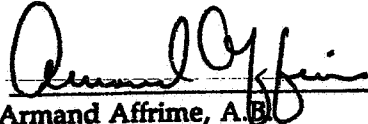
E.I. Du Pont De Nemours & Company - H-18,790

Modified Draize Repeated Insult Patch Test Study in Human Subjects

Signatures: Submitted by Biosearch, Incorporated:



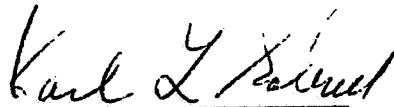
**Frederick Urbach, M.D.
Consultant Dermatologist**



**Armand Affrime, A.B.
Study Director**



**Raymond Mark, M.D.
Medical Director**



**Karl L. Gabriel, V.M.D., Ph.D.
President**

Company Sanitized. Does not contain TSCA CRT

Project Number: 91-7346H

E.I. Du Pont de Nemours & Company - H-18,790, as prepared.

Modified Draize Repeated Insult Patch Test Study in Human Subjects

Table 1

Subject Number	Induction Phase										Challenge	
	1 24 48	2 24 48	3 24 48	4 24 48	5 24 48	6 24 48	7 24 48	8 24 48	9 24 48	Original Site 24 48	Virgin Site 24 48	
1	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	

24 = Reading 24 hours after application.
 48 = Reading 48 hours after previous application but just before next application.
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Project Number: 91-7346H

E.I. Du Pont De Nemours & Company - H-18,790, as prepared.

Modified Draize Repeated Insult Patch Test Study in Human Subjects

Table 1 (continued)

Subject Number	Induction Phase										Challenge	
	1	2	3	4	5	6	7	8	9	Original Site	Virgin Site	
	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0

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Modified Draize Repeated Insult Patch Test Study in Human Subjects

Table 1 (continued)

Subject Number	Induction Phase						Challenge				
	1 24 48	2 24 48	3 24 48	4 24 48	5 24 48	6 24 48	7 24 48	8 24 48	9 24 48	Original Site 24 48	Virgin Site 24 48
51	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
52	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
53	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
54	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
55	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
56	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
57	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
58	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
59	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
60	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
61	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
62	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
63	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
64	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
65	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
66	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
67	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
68	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
69	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
70	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
71	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
72	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
73	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
74	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
75	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

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Modified Draize Repeated Insult Patch Test Study in Human Subjects

Table 1 (continued)

Subject Number	Induct'on Phase									Challenge	
	1 24 48	2 24 48	3 24 48	4 24 48	5 24 48	6 24 48	7 24 48	8 24 48	9 24 48	Original Site 24 48	Virgin Site 24 48
76	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0

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**E.I. Du Pont De Nemours & Company - H-18,790, as prepared.
Modified Draize Repeated Insult Patch Test Study in Human Subjects**

Table 1 (continued)

Subject Number	Induction Phase										Challenge	
	1 24 48	2 24 48	3 24 48	4 24 48	5 24 48	6 24 48	7 24 48	8 24 48	9 24 48	Original Site 24 48	Virgin Site 24 48	
101	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
102	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
103	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
104	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
105	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
106	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
107	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
108	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
109	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
110	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
111	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
112	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
113	0 0	0 *	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	

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Modified Draize Repeated Insult Patch Test Study in Human Subjects

Summary of Table 1

	<u>Induction Phase</u>									<u>Challenge</u>			
	1	2	3	4	5	6	7	8	9	Original Site	Virgin Site		
<u>Total</u>	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	24 48	113 113	113 113
<u>Subjects:</u>	113 113	113 113	113 113	113 113	113 113	113 113	113 113	113 113	113 113	113 113	113 113	106 106	106 106
<u>Readings</u>	0	113 111	109 112	112 112	108 112	106 112	112 111	105 109	107 109	106 106	0 0 0 0	0 0 0 0	0 0 0 0
-	0 0	4 0	1 0	5 0	7 0	0 0	0 0	7 0	4 0	3 3	0 0 0 0	0 0 0 0	0 0 0 0
*	0 2	0 1	0 1	0 1	0 0	0 0	0 1	0 2	0 0	0 0	0 0 0 0	0 0 0 0	0 0 0 0
D	0 0	0 0	0 0	0 0	0 1	1 1	1 1	1 2	2 4	4 4	7 7 7 7	7 7 7 7	7 7 7 7
1+	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0 0 0	0 0 0 0	0 0 0 0
2+	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0 0 0	0 0 0 0	0 0 0 0
3+	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0 0 0	0 0 0 0	0 0 0 0

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Appendix

E.I. Du Pont De Nemours & Company - H-18,790

Modified Draize Repeated Insult Patch Test Study in Human Subjects

GRADING SCALE

Human Patch Test Studies

<u>Reading</u>	<u>Interpretation</u>
0	negative
±	suspicious
1+	slight erythema
2+	well defined erythema
3+	erythema with induration
4+	erythema with ulceration

DEFINITIONS*

Sensitization is a phenomenon which manifests itself by local effects on either skin or mucous membranes. It differs from primary irritation in that it may also involve tissues remote from the site of application. These reactions represent an allergy to a chemical which is not obtained on first contact, but requires a number of prior exposures for development.

Repeated patch applications of substances to both man and animals reveal that certain substances which, at a given concentration, do not produce primary irritation may elicit severe skin reactions after a number of exposures. Nevertheless, these reactions may not be considered incidents of sensitization since after 10-14 days of rest the skin recovers its original resistance to injury by the substance. For the lack of a better term such reactions have been called "skin fatigue". This latter term is a misnomer in that it does not imply a condition in which the skin has lost significant normal physiological function. This phenomenon consists of a subtle change in which the skin no longer exhibits its original refractoriness or resistance to the continued or repeated action of an agent.

* Draize, J.H. 1959. Appraisal of the Safety of Chemicals in Foods, Drugs and Cosmetics. In DERMAL TOXICITY, p.46-53. Topeka, Kansas: Association of Food and Drug Officials of the United States.

Project Number: 91-7346H

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Modified Draize Repeated Insult Patch Test Study in Human Subjects

SUBJECT LIST

Subject Number	Initials	Age	Occupation	Allergies
1	M.O.	28	Homemaker	-
2	L.M.B.	66	Retired	-
3	J.E.	30	Homemaker	-
4	D.M.	29	Animal Caretaker	-
5	P.L.	40	Homemaker	-
6	M.L.	39	Homemaker	-
7	M.F.	63	Homemaker	-
8	M.E.	41	Homemaker	-
9	E.M.	48	Homemaker	-
10	M.G.	56	Homemaker	-
11	C.D.	45	Homemaker	Fiberglass
12	K.T.	22	Housewife	-
13	I.J.	52	Homemaker	-
14	P.D.	67	Retired	-
15	K.L.	22	Homemaker	-
16	D.S.	24	Furniture Mover	Bee Stings & Raw Onions
17	A.M.	60	Homemaker	-
18	L.F.	44	Homemaker	-
19	S.L.	26	Unemployed	-
20	C.D.P.	40	Homemaker	Rose & Hay Fever, Rag Weed, Animals
21	H.F.	43	Homemaker	Dogs, Hay Fever, Rag Weed, Sulfa
22	J.F.	37	Saw Operator	-
23	H.S.	23	Dishwasher	-
24	A.R.	20	Student	-
25	A.S.	24	Homemaker	-
26	T.F.	55	Unemployed	-
27	K.C.	42	Teacher's Aide	-
28	N.S.	27	Homemaker	-
29	D.D.	43	Unemployed	-
30	M.G.	59	Homemaker	-
31	M.S.	33	Homemaker	-
32	R.B.	36	Homemaker	-
33	D.C.	32	Order filler	-
34	D.K.	40	Homemaker	-
35	G.M.	22	Unemployed	-
36	C.C.	27	Homemaker	Dust
37	L.G.	28	Homemaker	Cats, Penicillin
38	M.A.	61	Homemaker	-
39	B.R.	40	K Mart Employee	-
40	N.R.	41	K Mart Employee	-
41	E.E.	38	Homemaker	-
42	E.H.	22	Homemaker	-
43	E.R.	19	Unemployed	-
44	E.G.	43	Homemaker	-
45	V.G.	18	Homemaker	-

Project Number: 91-7346H

E.I. Du Pont De Nemours & Company

Modified Draize Repeated Insult Patch Test Study in Human Subjects

SUBJECT LIST

Subject Number	Initials	Age	Occupation	Allergies
46	W.L.	55	Unemployed	-
47	M.V.	42	Homemaker	-
48	A.T.	62	Homemaker	-
49	C.L.	41	Homemaker	-
50	I.F.	31	Unemployed	-
51	J.F.	36	Unemployed	-
52	C.S.	46	Homemaker	-
53	M.V.C.	27	Homemaker	-
54	C.H.	61	Homemaker	-
55	D.H.	23	Homemaker	-
56	G.I.	34	Homemaker	-
57	R.M.	59	Homemaker	-
58	P.H.	61	Homemaker	-
59	E.P.	37	Homemaker	-
60	V.P.	24	Unemployed	-
61	S.R.	60	Homemaker	Sulfa Drug
62	C.S.	40	Correctional Officer	-
63	R.J.	53	Homemaker	-
64	M.S.	46	Homemaker	-
65	A.S.	16	Student	-
66	B.N.	33	Cashier	-
67	J.N.	38	Unemployed	-
68	F.P.M.	49	Unemployed	-
69	M.M.	57	Ward Clerk	-
70	R.S.	37	Homemaker	-
71	C.N.	67	Homemaker	-
72	D.N.	26	Unemployed	-
73	M.W.	62	Homemaker	-
74	C.R.	52	Homemaker	Penicillin
75	H.C.R.	57	Unemployed	-
76	P.M.	50	Food Service	-
77	B.K.	66	Retired	-
78	R.G.	40	Landscaper	-
79	D.M.	25	Homemaker	-
80	E.C.	25	Homemaker	-
81	T.M.	18	Laborer	-
82	M.A.	62	Homemaker	-
83	A.B.	65	Homemaker	-
84	C.A.M.	41	Homemaker	Starch
85	C.C.	45	Homemaker	-
86	R.S.	43	Unemployed	-
87	D.M.	19	Student	-
88	A.B.	62	Homemaker	-
89	E.W.	25	Homemaker	-

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SUBJECT LIST

Subject Number	Initials	Age	Occupation	Allergies
90	B.P.	45	Homemaker	-
91	K.M.	31	Homemaker	-
92	K.A.	32	Shipper	-
93	Y.H.	35	Homemaker	-
94	H.R.	33	Restaurant Worker	-
95	C.R.	34	Homemaker	-
96	D.E.	30	Technician	-
97	S.A.	30	Homemaker	-
98	A.C.	48	Homemaker	-
99	J.C.	24	Homemaker	-
100	V.C.	51	Homemaker	-
101	H.C.	50	Unemployed	-
102	W.W.	18	Student	Dust
103	M.C.	25	Homemaker	-
104	W.M.	16	Student	-
105	A.B.	29	Homemaker	-
106	K.M.	41	Shipper	-
107	D.G.	33	Homemaker	-
108	J.G.	21	Homemaker	-
109	S.B.	33	Homemaker	-
110	L.C.	18	Unemployed	-
111	M.C.	20	Homemaker	-
112	L.P.	26	Homemaker	-
113	J.I.	22	Homemaker	-