

TABLE II

INTERLABORATORY COMPARISON OF ANALYTICAL RESULTS FOR TREMOLITE
IN COSMETIC TALCUM-TYPE POWDERS

SAMPLE NO.	RESULTS		
	N.Y.U. (X-RAY DIFFRACTION)	FDA ^a (OPTICAL MICROSCOPY)	PFIZER ^b (X-RAY DIFFRACTION)
1	n.d. (not detected)		
2	n.d.		
3	n.d.		
4	n.d.		
5	n.d.		
6	n.d.		
7	n.d.		
8	n.d.		
9	n.d.		
10	n.d.		
11	n.d.		
12	n.d.		
13	n.d.		
14	n.d.		
15	n.d.		
16	--c		
17	n.d.		
18	n.d.		
19	n.d.		
20	n.d.		
21	n.d.		
22	n.d.		

<u>SAMPLE NO.</u>	<u>RESULTS</u>		
	<u>N. Y. U.</u> <u>(X-RAY DIFFRACTION)</u>	<u>FDA</u> <u>(OPTICAL MICROSCOPY)</u>	<u>PFIZER</u> <u>(X-RAY DIFFRACTION)</u>
23	n. d.		
24	n. d.		
25	n. d.		
26	n. d.		
27	n. d.		
28	n. d.		
29	n. d.		
30	n. d.		
31	n. d.		
32	n. d.		
33	n. d.		
34	n. d.		
35	n. d.		
36	n. d.		
37	n. d.		
38	n. d.		
39	n. d.		
40	n. d.		
41	n. d.		
42	n. d.		
43	n. d.		
44	n. d.		
45	n. d.		
46	n. d.		
47	n. d.		
48	n. d.		

SAMPLE NO.	RESULTS		
	N. Y. U. (X-RAY DIFFRACTION)	FDA (OPTICAL MICROSCOPY)	PFIZER (X-RAY DIFFRACTION)
49	n. d.		
50	n. d.		
51	n. d.		
52	n. d.		
53	n. d.		
54	n. d.		
55	n. d.		
56	n. d.		
57	n. d.		
58	n. d.	n. d.	
59	n. d.		
60	n. d.	n. d.	
61	n. d.	n. d.	
62	n. d.		
63	5%	moderate amount	
64	n. d.		
65	n. d.		
66	n. d.		
67	2%		
68	n. d.		
69	n. d.		
70	n. d.	small amount	
71	3%	n. d.	
72	n. d.	n. d.	
73	n. d.		
74	n. d.	small amount	

SAMPLE NO.	RESULTS		
	N. Y. U. (X-RAY DIFFRACTION)	FDA (OPTICAL MICROSCOPY)	PFIZER (X-RAY DIFFRACTION)
75	n.d.		
76	5%	10 grains per 100 (Traces)	
77	3%	small amount	Trace (50% from Pfizer)
78	5%	moderate amount	Trace (10% from Pfizer)
79	n.d.		
80	n.d.	n.d.	
81	n.d.		
82	n.d.		
83	n.d.		
84	n.d.		
85	n.d.	n.d.	
86	n.d.		
87	n.d.	n.d.	
88	4%	large amount	Trace (10% from Pfizer)
89	5%	large amount	Trace (10% from Pfizer)
90	3%	large amount	Trace (10% from Pfizer)
91	n.d.		
92	5%	large amount	Trace (10% from Pfizer)
93	5%	large amount	Trace (10% from Pfizer)
94	4%	large amount	Trace (10% from Pfizer)
95	2%	Trace (10% from Pfizer)	
96	8%	moderate amount	Trace (10% from Pfizer)
97	12%	large amount	Trace (10% from Pfizer)
98	n.d.		
99	n.d.	n.d.	
100	n.d.	very small amount	

SAMPLE NO.	RESULTS		
	N. Y. U. (X-RAY DIFFRACTION)	FDA (OPTICAL MICROSCOPY)	PFIZER (X-RAY DIFFRACTION)
101	15% <i>100% solids Spec. Table</i>	large amount	10 to 15%
102	10% <i>Trace</i>	large amount	
103	n.d.		
104	n.d.		
105	n.d.		
106	n.d.		
107	n.d.	n.d.	
108	2% <i>Reson Tutarate. Representative</i>		
109	2% <i>from HATL Bank</i>		
110	n.d.		
111	1% <i>Adipic Acid</i>		
112	n.d.		
113	n.d.		
114	n.d.		
115	n.d.		
116	n.d.		
117	n.d.		
118	n.d.		
119	n.d.		
120	n.d.		
121	n.d.		
122	n.d.		
123	n.d.		
124	n.d.		
125	n.d.		
126	n.d.		

SAMPLE NO.	RESULTS		
	N. Y. U. (X-RAY DIFFRACTION)	FDA (OPTICAL MICROSCOPY)	PFIZER (X-RAY DIFFRACTION)
127	n. d.		
128	n. d.		
129	n. d.		
130	trace		
131	trace		
132	n. d.		
133	n. d.		
134	n. d.		
135	n. d.		
136	n. d.		
137	n. d.		
138	n. d.		
139	n. d.		
140	n. d.		
141	n. d.		
142	n. d.		
143	5%	<i>over-tone. "Big Brown" face inside</i>	
144	5%	<i>over-tone. "Big Brown" face inside</i>	
145	n. d.		
146	n. d.		
147	n. d.		
148	2%	<i>small amount</i>	
149	8%	<i>present</i>	
150	n. d.		
151	n. d.		
152	n. d.	n. d.	

RESULTS

SAMPLE NO.	N. Y. U.	FDA	PFIZER
	(X-RAY DIFFRACTION)	(OPTICAL MICROSCOPY)	(X-RAY DIFFRACTION)
153	n. d.		
154	2% <i>100% pure PMS (Methyl) PMS</i>	small amount	approx. 0.5%
155	n. d.		
156	2% <i>White (see Bakery) PMS</i>		
157	6% <i>White (see Bakery) PMS</i>		
158	n. d.		
159	n. d.		
160	n. d.		
161	n. d.		
162	n. d.		
163	10% <i>Pinacid (see Bakery) PMS</i>	large amount	3.8%
164	n. d.	n. d.	
165	n. d.		
166	n. d.		
167	2% <i>Pinacid (see Bakery) PMS</i>		
168	--		
169	--		
170	n. d.		
171	n. d.		
172	2% <i>Pinacid (see Bakery) PMS</i>		
173	n. d.		
174	n. d.		
175	n. d.		
176	n. d.		
177	n. d.		
178	n. d.		

N.Y.U.	FDA	PFIZER
<u>(X-RAY DIFFRACTION)</u>	<u>(OPTICAL MICROSCOPY)</u>	<u>(X-RAY DIFFRACTION)</u>

Tucked back (over), Leather
 Vandy, Most of leather. Skin turned back
 Vandy, Spring wire, Tan
 White, Leather, Tan
 Red, Tan, Tan

- a. Work done by Mr. Arnold E. Schulze, Division of Microbiology. (See Appendix A)
- b. Pfizer, Inc.; Minerals, Pigments, and Metals Division, Easton, Pa.
- c. The use of a dash means that the powder does not contain talc and therefore is not expected to contain tremolite or chrysotile as contaminants. No asbestos was found.