

FOOD AND DRUG ADMINISTRATION

Date: February 29, 1972

Reply to
Attn of: BF-430

Subject: Asbestos Content of Dr. Kolbye's sample of Avon Tai Winds Spray Talc

To: Dr. Robert M. Schaffner, Director
Office of Product Technology (BF-400)

As shown in the enclosed analytical worksheet by Mr. Schulze (Division of Microbiology) Dr. Kolbye's sample contained no chrysotile asbestos, but did contain a moderate amount of tremolite asbestos. I asked Mr. Schulze for a semi-quantitative estimate; he said, of the order of 10% - 20%, on a particle count basis (not a weight percent basis).

If Dr. Kolbye agrees, we would like to retain the sample, for inclusion in the series of X-ray diffraction analyses for asbestos.



Alfred Weissler, Ph.D., Acting Director
Division of Colors and Cosmetics Technology

Enclosures

*Thanks
Appreciate the info
ack*

939
Rec'd CP
FEB 29 1972

1. DESCRIPTION OF SAMPLE				
2. AMOUNT AVAILABLE FOR ANALYSIS			3. ANALYST'S INITIALS	
4. MANUFACTURER (Name, Brand, Type, Size, etc.)				
5. NAME, STREET ADDRESS, CITY AND STATE				
6. CARTRIDGE		7. (Type of cartridge, etc.)		8. NUMBER
9. DATE SHIPPED		10. AMOUNT OF SHIPMENT		11. LOT SIZE
12. NAME, STREET ADDRESS, CITY AND STATE				
13. INDIVIDUAL IDENTIFYING SAMPLE		14. INDIVIDUAL IDENTIFYING RECORDS		
15. COLLECTING INSPECTOR		16. DIST.		17. DATE COLLECTED
18. COLLECTION BLANK				
19. INSPECTOR'S REMARKS				
20. DATE LAST LT		21. RELATED SAMPLES		
22. LABORATORY CLASSIFICATION (Insert 1-digit code) 1 ☐ 2 ☐ 3 ☐		23. LABORATORY CONCLUSIONS <i>No crystals, no detectable lead, but a few grains of calcium may remain after Information - Div of Forensic Chemistry H. M. Thompson</i>		
24. NAME AND TITLE		25. SIGNATURE		26. DATE
27. DISTRICT CONCLUSIONS 1 ☐ 2 ☐ 3 ☐		28. RECOMMENDATION		
29. NAME AND TITLE (DISTRICT)		30. SIGNATURE		31. DATE
32. DISTRIBUTION		33. COPIES TO		34. LABEL TO
35. OTHER ENCL.		36. TOTAL		

3. SEALS ☐ INTACT ☐ BROKEN ☒ NONE		4. DATE RECVD 2/14/72	5. RECEIVED FROM H. W. Stevenson, BF-433	6. DISTRICT OR DIVIS Div. of Micro,
7. DESCRIPTION OF PRODUCT One can labeled, in part, "Avon / Tai Winds / Spray Talc ... Net Wt 7 oz. . Avon Products, Inc., New York, N. Y. 10020," and identified "Sample # DCC 1 2-14-72, BMS."				

8. NET CONTENTS DECLARED	☐ NOT APPLICABLE FOUND()	% OF DECLARED	9. LABELING ☐ NONE	SUBMITTED: ☐ ORIG ☐ COPIES
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10. SUMMARY OF ANALYSIS

The sample was examined to determine whether it contains asbestos. Op crystallographic examination shows that the sample consists of talc together with crystalline impurities, none of which is chrysotile asbestos. One of the impurities is a moderate amount of what was identified as tremolite, an asbestos mineral. This is present mainly in the form of biaxial negative rods and needles with positive elongation and inclined extinction. Refract indices were found to be: alpha 1.595, beta 1.617, and gamma 1.524.

11. RESERVE SAMPLE

To be returned to H. W. Stevenson, Division of Colors and Cosmetics Technol

12. DATE REPORTED 2/18/72	13A. ANALYST'S NAME <i>Arnold E. Schulze</i> Arnold E. Schulze	13B. NO.	PC	14. CALCULATIONS CHECKED	BY DATE
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15. PROGRAM DATA

OPERATION

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ACTIVITY

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1

2

3

PROBLEM

HOURS

LAB FINDINGS (Report "Y"
yes or "N" no, as applicable.)

R M F L

METHOD

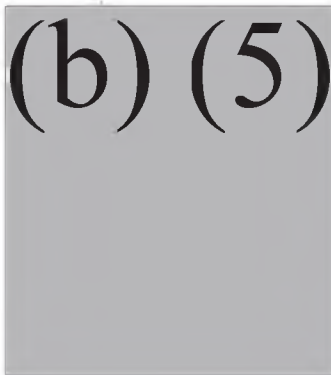
General Use
Aerosol Spray Talc
Containing Tremolite

PRESENTATION TO COMMITTEE

1. Product: Avon Tai Winds Spray Talc
in aerosol can, Net Wt. 7 oz.
2. Distributor: Avon Products, Inc., New York, N. Y.
3. Sample Reference: M 53444 (DCC 1272)
4. Analysis: Talc composed of approximately 10% tremolite asbestos mineral, present mostly in the form of biaxial negative rods and needles with inclined extinction. No chrysotile asbestos detected. See attached Analyst Worksheet and other attachments.
5. Distribution: Firm distributes nationally.
6. Injuries: None known.
7. Attachments: Five pages.


Curtis E. Coker, Jr.
DRG/BF-314
4-24-72:gp

(b) (5)



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
FOOD AND DRUG ADMINISTRATION

Date: April 21, 1972

Reply to
Attn of: BF-430

Subject: Asbestos Content of Dr. Kolbye's Sample of Avon Tai Winds Spray Talc

To: Dr. Albert C. Kolbye, Deputy Director
Bureau of Foods (BF-2)

The finding by Mr. Schulze by microscopy, that Avon Tai Winds Spray Talc contains tremolite asbestos in amounts of the order of 10%, has been confirmed by Professor S. Z. Lewin of New York University, using the X-ray diffraction technique. Mr. Schulze's results were reported by me in a memorandum to Dr. Schaffner dated February 29, 1972. A copy of this memorandum and Mr. Schulze's work sheet is attached.


Alfred Weissler, Ph.D., Acting Director
Division of Colors and Cosmetics Technol

cc:

(b)(5)

NOTE—DO NOT USE THIS ROUTE SLIP TO
SHOW FORWARDED CHARGES OR REMOVALS

DATE

2-29-72

TO:

AGENCY BLDG. ROOM

Dr. Kolbye, BF-1

- ☐ A. APPROVAL ☐ REVIEW ☐ FOR CONVEYANCE
- ☐ SENSITIVE ☐ INFORMATION SEE SEC ☐ TO DOCUMENT
- ☐ SECURITY ☐ NOTES AND REMARKS ☐ NECESSARY ACTION
- ☐ FOR YOUR INFORMATION
- ☐ RETURN SLIP FOR CHARGE OF USE

REMARKS: Re: Avon Tai Winds Spray Talc.

Attached is the cosmetic report on this case. We will retain the sample and have X-ray diffraction analyses made if you agree.

To Robert M. Schaffner, Ph.D., Director
From Office of Product Technology, BF

PHONE	BUILDING	ROOM
28257	FB-8	4827

FORM 100V-50 Rev. 11/71

ROUTE SLIP

GPO:1975-O-345-26