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9/5/75

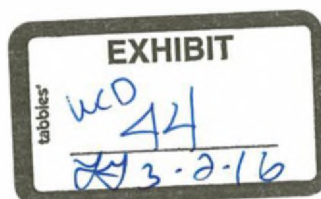
TO: Members of Standards Committee
Members of Talc Committee
Dr. N. Estrin
Ms. A. Curry
Dr. J. Menkart
Dr. D. R. Petterson - J & J

This represents the final version of the
Cosmetic Talc Standard as submitted for
editing and publication.

MEMORANDUM

FROM
GEORGE W. SANDLAND

PLAINTIFF'S
EXHIBIT
WCD-320



WCD000064



Submitted for editing and publication 9/5/75

COSMETIC TALC

CTFA Specification
COSMETIC TALC
Issued:

CTFA Adopted Name
TALC

DEFINITION: Cosmetic Talc is a white, essentially odorless, fine powder, ground from naturally occurring rock ore, consisting mainly of hydrated magnesium silicate having the ideal formula $Mg_6[Si_4O_{20}] \cdot (OH)_4$, with lesser amounts of naturally associated minerals such as calcite, chlorite, dolomite, kaolin and magnesite, and containing no detectable fibrous asbestos minerals.

TEST	SPECIFICATION	METHOD
Color	As specified by the buyer and showing no change after heating	Heat 1 to 2 g at 200°C for 5 minutes
Odor	As specified by the buyer	
Identification	Positive: Close match to CTFA Spectrum-IR with no indication of foreign materials Alternate: Close match to standard X-ray diffraction pattern for Talc, showing the most intense reflections at d values about 9.35, 1.53 and 4.59 Å	CTFA G 3-1 Reference: ASTM Powder Diffraction File Card No. 19-770.
Slip	As specified by the buyer	
Lustre	Do.	
Water-Soluble Iron	Passes test	USP XIX, page 487
Screen Test	100% through 100 mesh 98% minimum through 200 mesh Finer grades: as specified by the buyer	CTFA C 6-1
Water Soluble Substances	0.1% maximum	USP XIX, page 487 See test for "Reaction and soluble substances"
Acid-Soluble Substances	As specified by the buyer 6.0% maximum	CTFA E 32-1
Loss on Ignition	5.0% maximum	USP XIX, page 487
Arsenic (as As)	3 ppm maximum	CTFA F 1-1, Parts 1-A and 11
Lead (as Pb)	20 ppm maximum	CTFA F 2-1, Parts 1-A and 11
Fibrous Amphibole (Asbestiform Tremolite et al)	None detected	CTFA J 4-1
Free crystalline silica (Quartz)	As specified by the buyer	CTFA J 5-1 (DTA) Alternate: CTFA J 6-1 (X-ray)

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