



Members of Talc Subcommittee

Any comments on this? Please bring to meeting TALC 3/11/75

2/26/75

CTFA Specification
TALC
(Formerly TGA Spec No. 10)
Issue: 6-1-42
Revised: 3-23-62
5-20-71

George Sandland

DEFINITION: Talc is a white, odorless or very slightly earthy, finely powdered, native, hydrous, magnesium silicate, sometimes containing a small portion of aluminum silicate.

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
Odorless	As specified by the buyer	
Identification	Positive: Close match to CTFA Spectrum—IR with no indication of foreign materials	CTFA G 3-1
Slip	As specified by the buyer	
Lustre	Do.	
Carbonates	No effervescence	USP XVIII, page 703 Observe reaction for effervescence during digestion in Test for Acid-Soluble Substances
Water-Soluble Iron	Passes test	USP XVIII, page 703
Screen Test	100% through 100 mesh 98% minimum through 200 mesh Finer grades: as specified by the buyer	CTFA C 6-1
Alkalis and Acids	Neutral to litmus paper	USP XVIII, page 703 See Test for Reaction and Soluble Substances.
Water Soluble Substances	0.1% maximum	Do.
Acid-Soluble Substances	2.0% maximum	USP XVIII, page 708
Loss on Ignition	5.0% maximum	Do.
Arsenic (as As)	3 ppm maximum	CTFA F 1-1, Parts I-A and II
Lead (as Pb)	20 ppm maximum	CTFA F 2-1, Parts I-A and II
→ Tremolite (fibrous)	none detected *****	CTFA —

Note

