

ANALYSIS MASTER REPORT

Product :

Desc : TITANIUM DIOXIDE

Lot . . : 0009497

TESTED 10/30/18

THIS MATERIAL CONFORMS TO THE SPECIFICATIONS FOR TITANIUM DIOXIDE IN THE FOOD CHEMICALS CODEX AND 21 CFR 73.575 AS OF THE ABOVE DATE.

DESCRIPTION: TITANIUM DIOXIDE IS A WHITE.	ODORLESS, TASTELESS, AMORPHOUS POWDER THAT I	S SYNTHETICALLY PRODUCED.
IDENTIFICATION		PASSES TEST
LOSS ON DRY LOSS ON IGNITION WATER SOLUBLES ACID SOLUBLES	Not More Than 0.5%	0.16%
LOSS ON IGNITION	Not More Than 0.5%	0.14%
WATER SOLUBLES	Not More Than 0.30%	0.14%
ACID SOLUBLES	Not More Than 0.5% Not More Than 0.5% Not More Than 1.0 PPM Not More Than 1.0 PPM Not More Than 2.0 PPM Not More Than 10.0 PPM Not More Than 1.0 ppm 99.0-100.5% MINIMUM 99.5% TOTAL PLATE COUNT LESS THAN 100 CFU/GRAM	0.26%
ALUMINUM OXIDE/SILICON DIOXIDE	Not More Than 2.0% SINGLY OR COMBINED	
ALUMINUM OXIDE		<0.03%
SILICON DIOXIDE		<0.03%
ARSENIC (LEACHABLE)	Not More Than 1.0 PPM	<0.1 ppm
ANTIMONY (LEACHABLE)	Not More Than 2.0 PPM	<0.1 ppm
LEAD (TOTAL)	Not More Than 10.0 PPM	2 ppm
MERCURY (TOTAL)	Not More Than 1.0 ppm	<0.1 ppm
ASSAY	99.0-100.5%	99.0%
THROUGH 325 MESH	MINIMUM 99.5%	CONFORMS
MICROBIAL LIMITS:	TOTAL PLATE COUNT LESS THAN 100 CFU/GRAM	
	COMBINED COUNT YEAST AND MOLD < 50 CFU/GRAM	
	ABSENCE OF e-COLI, SALMONELLA, STAPH AUREUS	
	PSEUDOMONAS AERUGINOSA.	MEETS REQUIREMENTS
MICROBIAL LIMITS:	TOTAL PLATE COUNT LESS THAN 100 CFU/GRAM	<10
	COMBINED COUNT YEAST AND MOLD < 50 CFU/GRAM	<10
	ABSENCE OF e-COLI. SALMONELLA. STAPH AUREUS	
	PSEUDOMONAS AERUGINOSA.	MEETS REQUIREMENTS
CRYSTAL STRUCTURE: ANATASE		
Sensory Statement: Material is free from f	foreign contamination.	

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Date of Manufacture:

Manufactured By:

Conforms to Mars Wrigley Confectionery Specification Veritas Secondary #: 5022381-001 dated 12/21/17. GRD #1281105 Shelf Life: Unlimited, if stored in a clean, dry area in the original unopened packaging. Re-Test recommended after 5 years.

DelMonte Code R50111 Henkel Material Code No. 681210

IDH#10000136

Jigisha Patel

Director, Regulatory Affairs/Quality Assurance

Technical Services Department

1 Cragwood Road, Ste. 302

South Plainfield, NJ 07080

Pull

800.732.0562

10/13/18

800.254.9856 (Fax)

IMPORTANT: All information provided is believed to be accurate and complete. The data provided is representative of the product quality on the date of analysis for the lot number indicated. This certificate of analysis may not include all of the constituents of the product. Persons using this information should make their own determination regarding its suitability for their particular application. This certificate of analysis shall not in any way limit or preclude the operation and effect of the applicable terms and conditions of sale.