

Product Information/ Analysis

Description

Type:	Titanium Dioxide, FG HAL KSH
Form:	White, odorless, tasteless, amorphous powder
Chemical Class:	TiO ₂ (Crystal Structure : Anatase)
CAS-Number:	13463-67-7
Product Code:	TO348
Lot Number:	NBC864 (KRONOS 3333 Lot 0059740)
Manufactured:	1/16/2023
Tested:	2/24/2023

Chemical Analysis	Test Results %	Specifications		Method
		Min	Max	
Identification	Conforms/ Pass			
Loss on drying	0.2 %		0.5%	
Loss on ignition	< 0.1 %		0.5%	
Water Solubles	0.13 %		0.30%	
Acid Solubles	0.3 %		0.5%	
Aluminum Oxide/ Silicon Dioxide			2.0% (Singly or combined)	
Aluminum Oxides	<0.01 %			
Silicon Dioxides	<0.01 %			
Arsenic (Leachable)	<0.2 ppm		1.0 ppm	
Antimony (Leachable)	<0.2 ppm		2.0 ppm	
Lead (Total)	< 1 ppm		10.0 ppm	
Mercury (Total)	< 0.2 ppm		1.0 ppm	
Assay	99.3 %		99.0 ~ 100.5%	

PARTICLE SIZE ANALYSIS OF IRON POWDER

U.S.Mesh	Microns		
- 325	-45	Conforms	99.5%

MICROBIAL LIMITS

Total plate count less than 100 cfu/g	PASS
Combined count Yeast and Mold < 50 cfu/g	PASS
Absence of e-Coli, Salmonella, Staph Aureus, pseudomonas aeruginosa.	PASS

Sensory Statement: Material is free from foreign contamination
 Manufactured by KRONOS Canada
 Shelf life: Unlimited if stored in a clean, dry area in the original unopened packaging. Re-Test recommended after 5 years.

Approved by
Quality Control Manager

* This product conforms to the descriptions for Titanium Dioxide in the food chemical codex and 21 CFR 73.575 as of the above date.