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# Titanium Dioxide HS

## Technical Data Sheet

**Product Name:** Gelest Titanium Dioxide HS  
**Product Code:** WIA-HSA  
**INCI Name:** Titanium Dioxide, Disodium Carboxyethyl Siliconate  
**CAS #:** 13463-67-7, 18191-40-7  
**EINECS #** 236-675-5, N/A  
**CI Number:** 77891  
**Shelf Life:** 5 years; retest to extend  
**Date Issued** 11 April 2016  
**Revision Number:** 6

### Typical Properties

*Note: The values below are typical, not intended for use in preparing specifications. Please contact the Gelest PCS sales representative when writing specifications.*

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<u>Test</u>	<u>Parameter</u>
Appearance	white powder
Odor	Slight, characteristic
Hydrophilicity:	Passes (1gram wets on 50 ml still deionized water)
Loss on Drying @105°C three hours	< 1%
Heavy metals:	
Antimony:	maximum 2 ppm
Arsenic:	maximum 1 ppm
Cadmium:	maximum 1 ppm
Lead:	maximum 10 ppm
Mercury:	maximum 1 ppm
Microbial content:	< 100 cfu/gram; no pathogens
Composition:	
Titanium Dioxide	98-99%
Disodium Carboxyethyl Siliconate	1-2%