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# Chromium Oxide SS

## Technical Data Sheet

**Product Name:** Gelest Chromium Oxide SS  
**Product Code:** GIA-SSA  
**INCI Name:** Chromium Oxide Greens, Stearyl Triethoxysilane  
**CAS #:** 1308-38-9, 7399-00-0  
**EINECS #** 215-160-9, 230-995-9  
**CI Number:** 77288  
**Shelf Life:** 5 years minimum; retest to extend  
**Date Issued** 24 June 2015  
**Revision Number:** 4

### 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	Green powder
Odor	Slight, characteristic
Hydrophobicity:	Passes (1gram floats on 50 ml still deionized water)
Loss on Drying @105°C three hours	< 1%
Heavy metals:	
Arsenic:	maximum 3 ppm
Chromium: (in 2% NaOH extract)	maximum 0.075% as Cr <sub>2</sub> O <sub>3</sub>
Lead:	maximum 20 ppm
Mercury:	maximum 1 ppm
Microbial content:	< 100 cfu/gram; no pathogens
Composition:	
Chromium Oxide	99.0-99.7%
Stearyl Triethoxysilane	0.3-1.0%