



# Chromium Oxide Greens TCA

## Technical Data Sheet

<b>Product Name:</b>	Gelest Chromium Oxide Greens TC
<b>Product Code:</b>	GIA-TCA
<b>INCI Name:</b>	Chromium Oxide Greens, Triethoxycaprylsilane
<b>CAS #:</b>	1308-38-9, 2943-75-1
<b>EINECS #</b>	215-160-9, 220-941-2
<b>CI Number:</b>	77288

---

### ***TYPICAL PROPERTIES:***

<u>Test</u>	<u>Parameter</u>
<b>Appearance:</b>	Green powder
<b>Odor:</b>	Slight, characteristic
<b>Hydrophobicity:</b>	Passes (1 gram floats on 50 ml still deionized water)
<b>Loss on Drying @105°C three hours:</b>	< 1%
<b>Heavy metals:</b>	
<b>Pb:</b>	Maximum 20 ppm
<b>As:</b>	Maximum 3 ppm
<b>Cr (in 2% NaOH extract):</b>	Maximum 0.075% as Cr <sub>2</sub> O <sub>3</sub>
<b>Hg:</b>	Maximum 1 ppm
<b>Microbial content:</b>	< 100 cfu/gram; no pathogens
<b>Composition:</b>	
<b>Chromium Oxide Greens:</b>	98-99%
<b>Triethoxycaprylsilane:</b>	1-2%

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