



Enabling Your Technology

Chromium Oxide Greens HS

Technical Data Sheet

Product Name:	Gelest Chromium Oxide Green HS
Product Code:	GIA-HSA
INCI Name:	Chromium Oxide Greens, Disodium Carboxyethyl Siliconate
CAS #:	1308-38-9, 18191-40-7
EINECS #	215-160-9, N/A
CI Number:	77288

TYPICAL PROPERTIES:

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