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Chromium Oxide 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
Shelf Life: 5 year minimum; retest to extend
Date Issued 24 June 2015
Revision Number: 5

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.

<u>Test</u>	<u>Parameter</u>
Appearance	Green powder
Odor	Slight, characteristic
Hydrophilicity:	Passes (1gram wets 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 ₂ O ₃
Lead:	maximum 20 ppm
Mercury:	maximum 1 ppm
Microbial content:	< 100 cfu/gram; no pathogens
Composition:	
Chromium Oxide	98-99%
Disodium Carboxyethyl Siliconate	1- 2%