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Yellow Iron Oxide SR

Technical Data Sheet

Product Name: Gelest Yellow Iron Oxide SR
Product Code: YIA-SRA
INCI Name: Iron Oxides, Trimethylsiloxysilicate
CAS #: 51274-00-1, 56275-01-5
EINECS # 257-098-5, n/a (polymer)
CI Number: 77492
Shelf Life: 5 year minimum; retest to extend
Date Issued 26 July 2017
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	Yellow powder
Odor	Slight, characteristic
Hydrophobicity:	Passes (1gram floats on 50 ml still deionized water for one hour)
Loss on Drying @105°C three hours	< 1%
Heavy metals:	
Arsenic:	maximum 3 ppm
Cadmium:	maximum 1 ppm
Chromium:	maximum 100 ppm
Copper:	maximum 50 ppm
Lead:	maximum 10 ppm
Mercury:	maximum 1 ppm
Nickel:	maximum 200 ppm
Zinc:	maximum 100 ppm
Microbial content:	< 100 cfu/gram; no pathogens
Composition:	
Yellow Iron Oxide	96-99%
Trimethylsiloxysilicate	1-4%