



# Yellow Iron Oxide HS

## Technical Data Sheet

<b>Product Name:</b>	Gelest Yellow Iron Oxide HS
<b>Product Code:</b>	YIA-HSA
<b>INCI Name:</b>	Iron Oxides, Disodium Carboxyethyl Siliconate
<b>CAS #:</b>	51274-00-1, 18191-40-7
<b>EINECS #</b>	257-098-5, N/A
<b>CI Number:</b>	77492

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

<u>Test</u>	<u>Parameter</u>
<b>Appearance:</b>	Yellow powder
<b>Odor:</b>	Slight, characteristic
<b>Hydrophilicity:</b>	Passes (1 gram wets on 50 ml still deionized water)
<b>Loss on Drying @105°C three hours:</b>	< 1%
<b>Heavy metals:</b>	
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
<b>Microbial content:</b>	< 100 cfu/gram; no pathogens
<b>Composition:</b>	
Yellow Iron Oxide:	98-99%
Disodium Carboxyethyl Siliconate:	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.