



GEH[®] Quality

■ Our Commitment: Highest Purity

GEH[®] is a pure granular ferric hydroxide, produced in Germany. It fulfills all quality specifications of DIN EN 15029:2012 for use in drinking water treatment, including its strict specifications for heavy metal contents. The high quality of our products results from the exclusive use of pure raw materials for our patented production process. In addition, GEH[®] complies with all specifications of NSF/ANSI Standard 61, a drinking water treatment standard recognized worldwide.

Our ISO 9001-certified quality management system is your assurance of consistent high product quality.



■ GEH[®] Metal Contents

Parameter	DIN EN 15029		GEH [®]
	Maximum	Typical	Typical*
Dry solids in %	-	> 50	58
Iron in g/kg	-	610	602
Arsenic in mg/kg	20	< 10	< 1
Lead in mg/kg	40	< 10	< 1
Cadmium in mg/kg	5	< 5	< 0.5
Chromium in mg/kg	250	100	37
Copper in mg/kg	100	30	9
Nickel in mg/kg	3000	1500	1255
Zinc in mg/kg	250	100	42
Manganese in mg/kg	250	100	22

Analysis Methods:

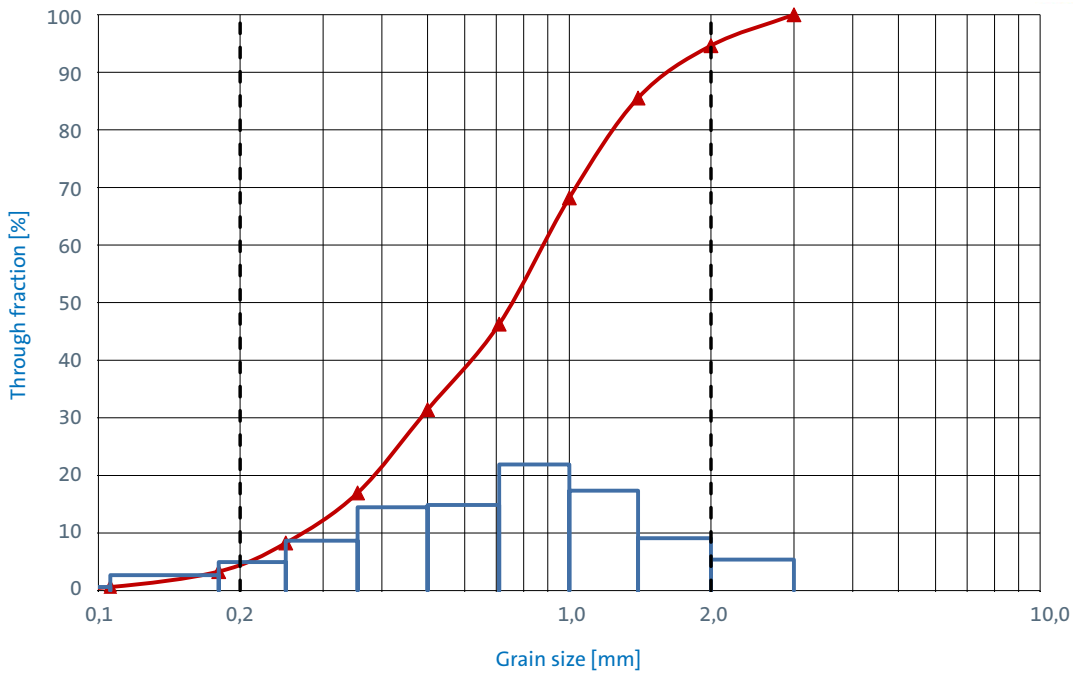
DIN 38414 S2 (Dry solids content)

DIN EN ISO 17294-2 (As, Cd, Cr, Cu, Fe, Mn, Ni, Pb, Zn), acid digestion

Metal contents expressed relative to dry solids content

* Average value over several years (> 1500 analyses)

■ Typical grain size distribution of GEH®



Method of analysis: In accordance with DIN EN 12902 using wet sieving

■ REACH regulation

GEH® complies with all requirements of the REACH regulation (EG1907/2006) for the Registration, Evaluation, Authorisation and Restriction of Chemicals and is registered under number 01-2119457554-33-0019 at the European Chemicals Agency (ECHA).

■ Transport and storage

GEH® is supplied in FIBCs ("big bags") or plastic drums in the specific quantities required by the customer. The product is not subject to degradation and has a storage life of at least one year. The product must not be permitted to dry out (away from sunlight, preferably inside). A storage outside is possible in plastic bags or away from sunlight at moderate temperatures (0 – 25 °C). The big bags may not be stacked.