

## SULPHURIC ACID

By titanium dioxide production sulphuric acid is needed as an inlet raw material. Sulphuric acid is produced for internal use and for the market.

We produce:

### Concentrated Sulphuric acid

Characteristic	Value of characteristic	Control method
H <sub>2</sub> SO <sub>4</sub> ( % )	min. 95	Potentiometric titration / Oscillating U-tube
Fe ( mg/l )	max. 75	ICP-OES
Residue of Ignition ( mg/l )	max. 550	Gravimetry
Permanganate index KMnO <sub>4</sub> ( mg/l )	max. 80	Volumetric analysis

### Diluted Sulphuric acid

Characteristic	Value of characteristic	Control method
H <sub>2</sub> SO <sub>4</sub> (%)	35 ± 5	Potentiometric titration / Oscillating U-tube
Fe ( mg/l )	max. 25	ICP-OES
Residue of Ignition ( mg/l )	max. 175	Gravimetry
Permanganate index KMnO <sub>4</sub> ( mg/l )	max. 40	Volumetric analysis