

**CINKARNA****SULPHURIC ACID**

Metalurško kemična industrija Celje, d.d.  
Kidričeva 26  
SI-3001 Celje  
Slovenija

t 00386 (0)3 427 60 00  
f 00386 (0)3 427 62 92  
e info@cinkarna.si  
w www.cinkarna.si

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	Comment
H <sub>2</sub> SO <sub>4</sub> ( % )	96 – 98	Internal method	Depends of season (W/S) potentiometric titration
Fe ( mg/l )	max. 75	Internal method	Spectrofotometric
Residue on Ignition ( mg/l )	max. 550	Internal method	gravimetric
Permanganate index KMnO <sub>4</sub> ( mg/l )	max. 80	Internal method	Volumetric

**Diluted Sulphuric acid**

Characteristic	Value of characteristic	Control method	Comment
H <sub>2</sub> SO <sub>4</sub> (%)	35.0 ± 5.0	Internal method	potentiometric titration
Fe ( mg/l )	max. 25	Internal method	Spectrofotometric
Residue on Ignition ( mg/l )	max. 175	Internal method	gravimetric
Permanganate index KMnO <sub>4</sub> ( mg/l )	max. 40	Internal method	Volumetric

**Contact:**

Ivan Federnsberg – marketing  
tel.: 03/ 427 62 41, 041/ 510 147  
e-mail: ivan.federnsberg@cinkarna.si

Planinšek Janez – technical information  
tel.: 03/ 427 66 30, 041/ 383 699  
e-mail: janez.planinsek@cinkarna.si