

**Technical
Datasheet**
Aqua-mandix
**QMS-No.
GBT51111**
General

Aqua-mandix is a natural, crushed manganese dioxide without additives and free from contamination. Used as a joker for catalytic removal of dissolved iron and manganese in one filtration step. The product will do a very good job already at pH 6,5 and even in presence of NH_4 . *Aqua-mandix* will also remove "parts of" As, Al and H_2S if present next to Fe and Mn.

Applications
Filtermedia for

catalytic removal of dissolved iron and manganese with the following advantages

- passes its activity on to the surrounding sand grains,
- does not require ideal pH environment,
- does not require regeneration by KMnO_4 .
- works even in presence of NH_4
- will also remove "parts of" As, Al and H_2S

**Chemical
analysis**

		Average figures
MnO_2	mass-%	78
Fe_2O_3	mass-%	6.2
SiO_2	mass-%	5.2
Al_2O_3	mass-%	3.1
Moisture	mass-%	< 1

**Physical
characteristics**

		Average figures
Density	g/cm^3	3.5
Bulk density	kg/m^3	2000
Shape	irregular	
Colour	dark brown to black	
Sizes available	0.5-1.0 mm.	

Packaging

- 25 kg PE bags, palletised, shrink-wrapped.
- Big bags à 1 mt.