

Table S1: tap water analysis municipal utilities Osnabrueck Wittefeld

substance	unit	german drinking water ordinance limits	measured concentration
boron	mg L ⁻¹	1	0.02
nitrate	mg L ⁻¹	50	7.7
ammonium	mg L ⁻¹	0.5	<0.02
chloride	mg L ⁻¹	250	32
iron	mg L ⁻¹	0.2	0.014
manganese	mg L ⁻¹	0.05	-
sodium	mg L ⁻¹	200	17.4
sulfate	mg L ⁻¹	250	94
potassium	mg L ⁻¹	-	3.26
calcium	mg L ⁻¹	-	49.5
magnesium	mg L ⁻¹	-	7.5