

Swiss Mountain Mineral Water

Mineral Water Analysis (6.3.2012)

Labor für Hygiene und
Praktische Mikrobiologie AG

Parameters	
- Temperature at source	11.9°C
- Conductivity at 25°C	607 µScm
- Acidity (pH)	7.3
Total Dissolved Solids (TDS)	537 mg / l
Cations	
Aluminium (Al)	<0.01 mg / l
Ammonium (NH ₄ ⁺)	<0.005 mg / l
Cadmium (Cd)	none
Calcium (Ca ⁺⁺)	89.0 mg / l
Iron (Fe ⁺⁺)	0.22 mg / l
Lead (Pb)	none
Magnesium (Mg ⁺⁺)	24.0 mg / l
Manganese (Mn ⁺)	0.33 mg / l
Mercury (Hg)	none
Potassium (K ⁺)	1.4 mg / l
Silica (SiO ₂ ⁺)	17.0 mg / l
Sodium (Na ⁺)	3.6 mg / l
Anions	
Chloride (Cl ⁻)	5.7 mg / l
Fluoride (F ⁻)	0.12 mg / l
Hydrogencarbonate (HCO ₃ ⁻)	375 mg / l
Nitrate (NO ₃ ⁻)	<0.1 mg / l
Nitrit (NO ₂ ⁻)	<0.1 mg / l
Potassium Bromide (KBR ⁻)	<0.1 mg / l
Phosphate PO ₄ ³⁻)	0.2 mg / l
Silicic acid (H ₂ SiO ₃ ⁻)	17 mg / l
Sulphate (SO ₄ ²⁻)	20.0 mg / l
Carbon dioxide (CO ₂)	272 mg / l
Uran (UO)	<0.2 mg / l
Microbiological	
Aerobe, mesophile germs	<1 cfu / ml
Escherichia coli	nn cfu / 100 ml
Enterococci	nn cfu / 100 ml
Name and Place of Source	Bad Knutwil, Switzerland
Date established	year 1484



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STS 486 nach ISO/IEC 17025

Lebensmittelmikrobiologie
Wasseranalytik
Hygieneberatung und
-konzepte

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"The mentioned products comply with all Swiss standards and Swiss Government Regulations and are fit for human consumption."

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