THERME WIEN – Natural warmth
Thermal waters as a source of wellbeing and health

Repeated treatment is the best way to maximise the positive, healthy effects of natural thermal waters. Thermal waters can achieve a long-term positive impact on chronic lifestyle diseases that are becoming more and more common in today's world. The water temperature of 36 degrees Celsius stimulates deep-lying feelings of foetal security, a reflex to being in the same conditions as in the womb. Thermal waters produce different effects depending on their composition and source – invigorating and stimulating, a boost to the immune system, toning, or relaxing and calming. The sulphurous springs at Therme Wien are a natural bounty that has been used in cure therapies since 1969. A second sulphurous spring was tapped in 2009, which delivers water to the surface at 47°C from a depth of 900 metres. According to chemical analysis by the Austrian Research centre and Hydroisotop, one litre of the spring water contains:

	Mass per unit volume (mg/l)	
	Oberlaa TH1	**Oberlaa TH2**
Cations		
Ammonium (NH_4+)	3,00	< 0,10
Sodium (Na^+)	480,00	531,00
Potassium (K^+)	21,00	46,80
Lithium (Li^+)	0,80	0,82
Magnesium (Mg^{2+})	120,00	133,00
Calcium (Ca^{2+})	450,00	400,00
Strontium (Sr^{2+})	14,00	12,90
Total cations	**1.088,80**	**1.125,00**
Anions		
Fluoride (F^-)	4,10	2,60
Chloride (Cl^-)	832,00	840,00
Sulphate ($SO4^{2-}$)	1.326,00	1.180,00
Bisulfide (HS^-)	20,40	64,00
Bromide (Br)	0,60	0,90
Bicarbonate (HCO_3^-)	162,00	289,00
Total anions	**2.345,10**	**2.376,00**
Non-electrolytes		
Metasilicic acid (H_2SIO_3)	53,6	44,8
Dihydrogen borate (H_2BO_3)	10,9	12,0
Total non-electrolytes	**64,5**	**56,8**
Total dissolved solids	**3.498,4**	**3.557,8**
Dissolved gases		
Carbon dioxide (CO_2) in mmol/l	3,3	1,54

Balneological classification of the springs in accordance with the Austrian Heilvorkommen- und Kurortegesetz (Health Treatments and Spa Treatment Centres Act): "CALCIUM-SODIUM-SULPHATE-CHLORIDE-MINERAL-SULPHUR THERMAL SPRING"

	Oberlaa TH1	Oberlaa TH2
Yield	30 l/s	28 l/s
Spring temperature	54 °C	46,3 °C
Titratable divalent sulphur (")	62,4 mg/l	46 mg/l
Dissolved solids	3,5 g/l	3.6 g/l