

Test laboratory Nr. 1446 accredited by ČIA

The analysis report Nr. 2342/2015

Customer:		Sample information:	
SV servisní, s.r.o. Dolní 100 79711 Prostějov		Sample matrix: Matrix specification: Source: Date and time of take-over: Taken over by:	raw water none ground water 4 th March 2015 11:20 Pokorná Michaela
Sample collection information		Water sampling report Nr. 2342/2015	
Sample collection point:	Strojovna JIH, cooling pond		
Sample collection date:	4 th March 2015	Sample type:	Regular
Sample collection time:	8.55	Collection method:	R (Manual)
Sample collection purpose:	order	Analysis required:	See the order
Sampler:	Růžička Pavel The sample collection is accredited in compliance with SOP S-301		
Sampling plan:	none		

Physical and chemical indicators						
Indicator	Unit	Value	Uncertainty	SOP	A	P
Sulphates	mg/l	500	20 %	S-115 (ČSN EN ISO 10304-1)		
Acid capacity 4.5	mmol/l	1.69	5%	S-06 (ČSN EN ISO 9963-1)		
Base capacity 8.3	mmol/l	<0.06		S-07 (ČSN 757373)	(N)	
Free CO2	mg/l	<2.6		S-07 (ČSN 757373)	(N)	
Hardness	mmol/l	9.20	5%	S-12 (ČSN ISO 6059)		
Calcium	mg/l	246	5%	S-12 (ČSN ISO 6058)		
Acid capacity 4.5 after 5 days	mmol/l	1.47	5%	S-06 (ČSN EN ISO 9963-1)	(N)	
Aggressive CO2	mg/l	<0.4		S-84 (internal procedure)	(N)	
Carbonates	mg/l	0	5%	S-06 (ČSN EN ISO 9963-1)	(N)	
pH	[]	8.19	0.03	S-01 (ČSN ISO 10523)		

Analysis end date	10 th March 2015	Date of the sub-deliveries take-over	
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The sample was processed at site 1 in the laboratory in Olomouc: Dolní novosadská, 77900 Olomouc.

The analyses marked as (N) are not accredited.

The extended measurement uncertainties stated are the product of the standard measurement uncertainty and the extension factor $k = 2$, which corresponds to a certainty level of approximately 95 %. The uncertainties do not take sample collection influences into account.

Abbreviations: SOP = standard operational procedure

A = accreditation data

P = site

R = manual collection

The results refer only to the sample analyzed.

The analysis report mustn't be reproduced other than in complete form without the written consent of the laboratory.

Head of the test laboratory: Bergerová Helena Ing.

Processed by: Švestková Danuše

Švestková Danuše
Laboratory officer – analyst

In Olomouc, 10th March 2015