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| Employer  SAKO BRNO A.S.  Project  **Modernization of WtE Plant SAKO Brno**  Date  July 2024 |

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| Intended for    Document type    Date |
| Part III, Appendix E2  Quality of Water Flows |



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| Part III, Appendix E2  Quality of Water Flows |

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| Project name | Modernization of WtE Plant SAKO Brno |
| Version | 1 |
| Date | 2024-07-02 |
| Documentation | Procurement documentation – Part III – Employer’s Requirements |

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| Contents |

[1. Quality of Fresh Water 2](#_Toc170831864)

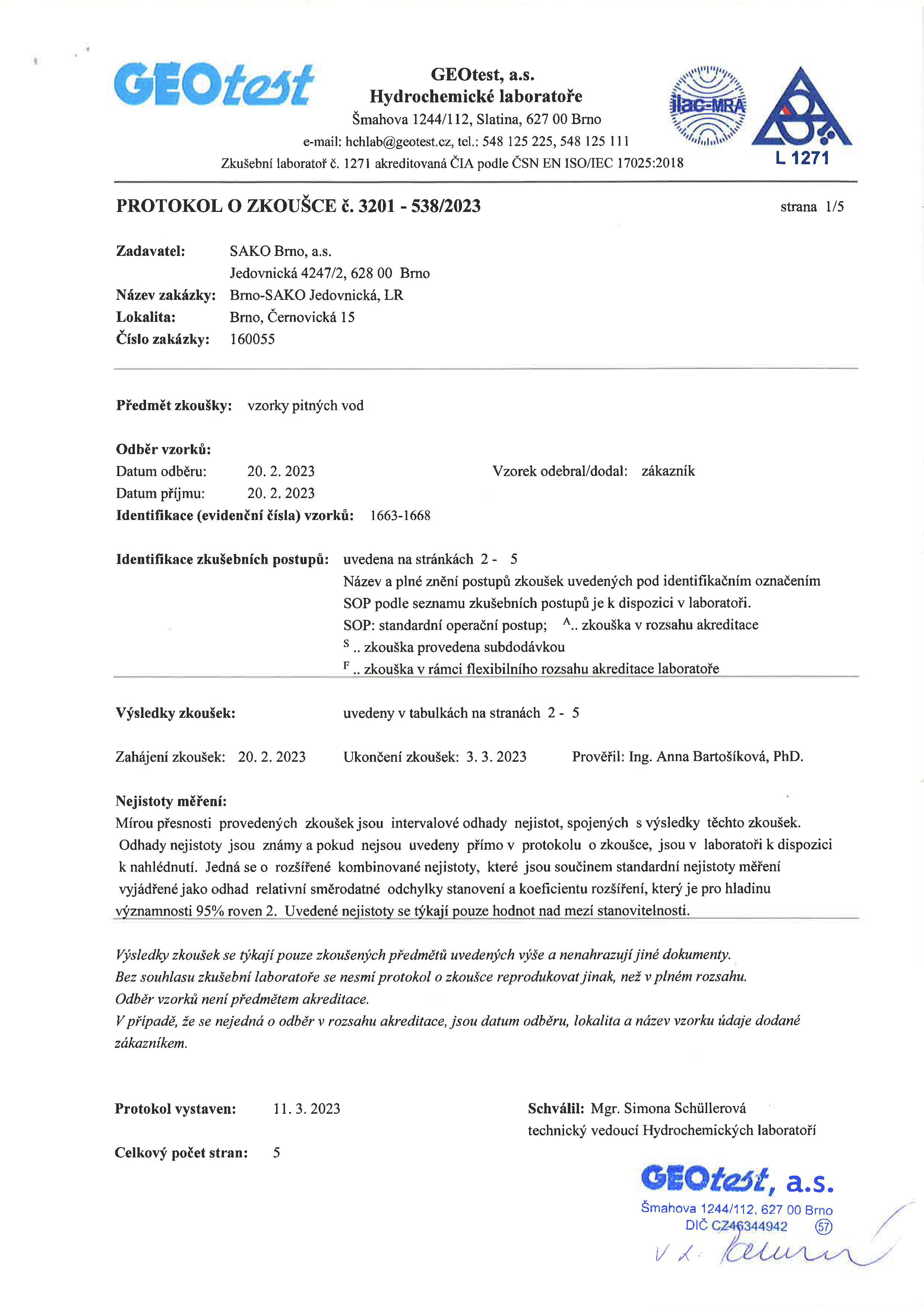
[2. Quality of District Heating Water 7](#_Toc170831865)

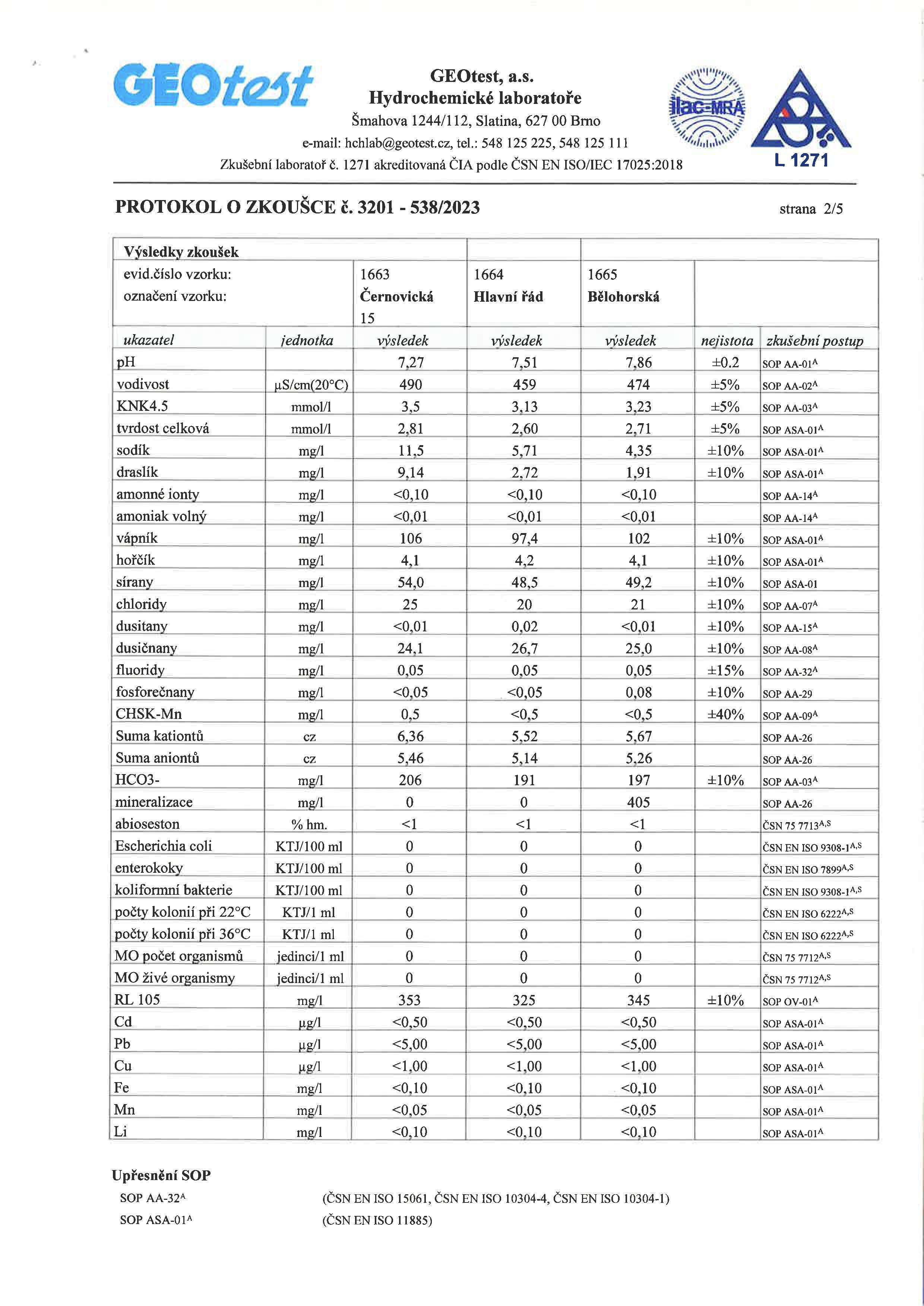
# Quality of Fresh Water

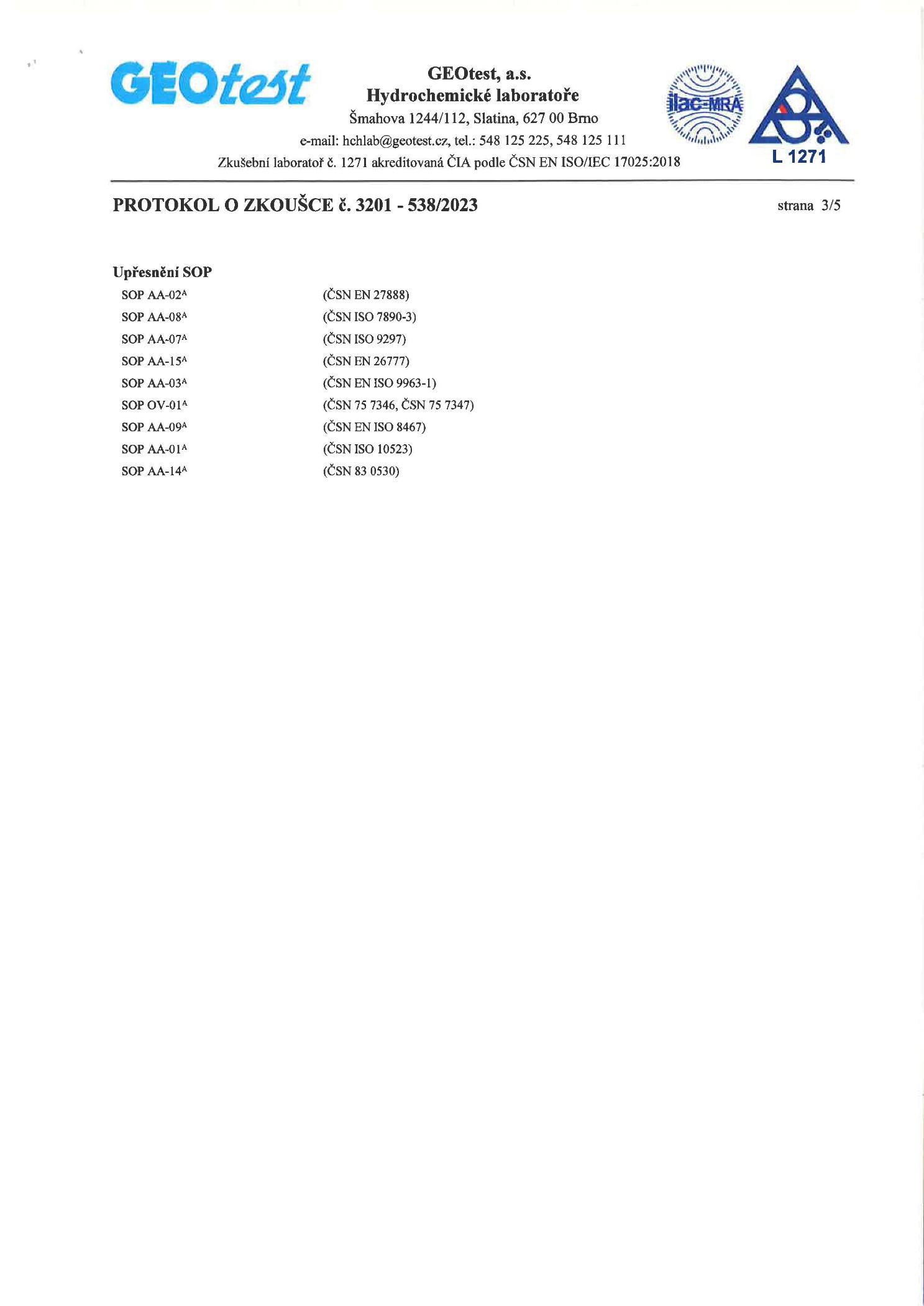
The Contractor shall comply with all Legal regulation in reference the Contract Object, including, but not limited to those listed below (note that each standard can have more separate parts that are relevant for the Contract Object):

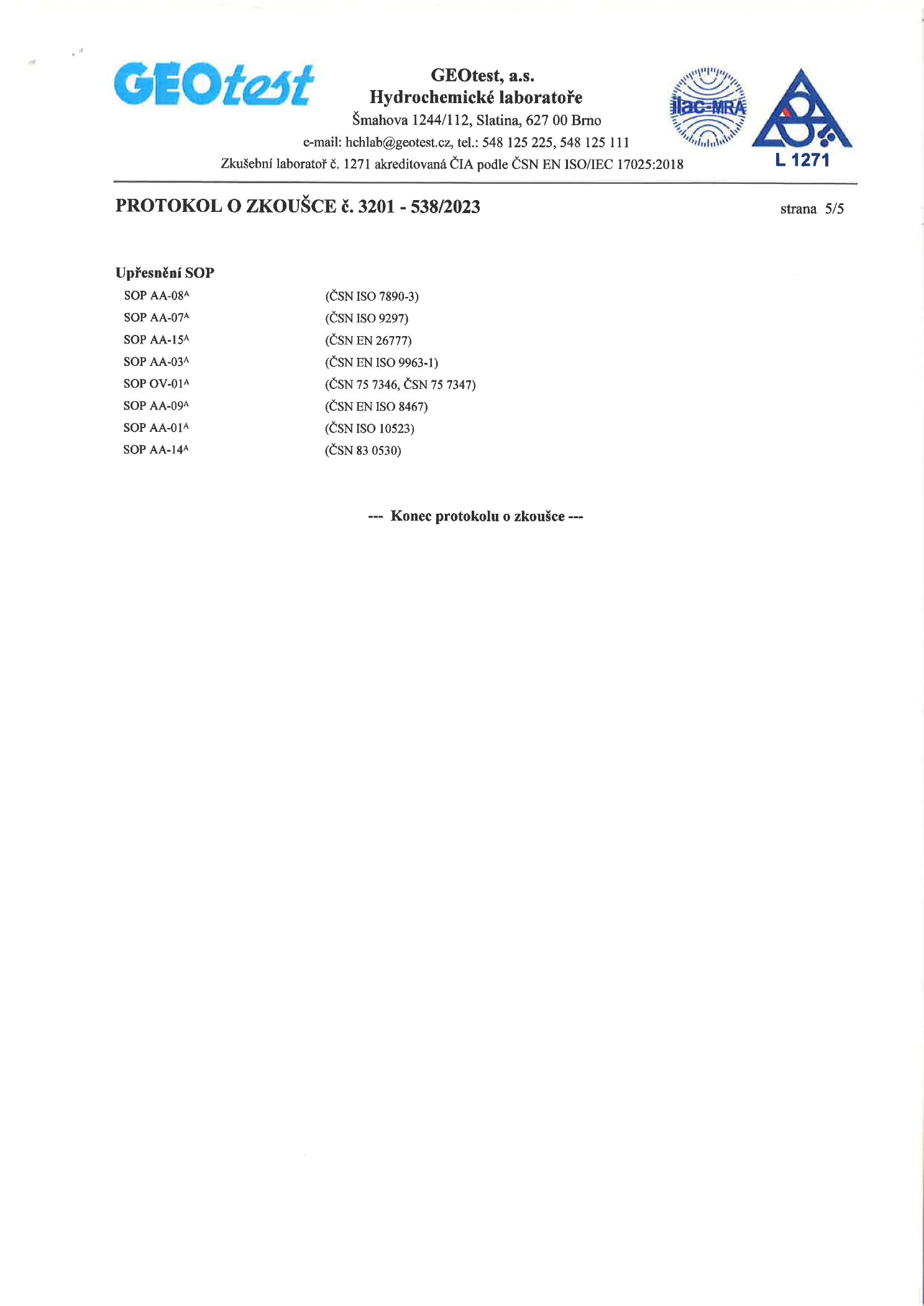
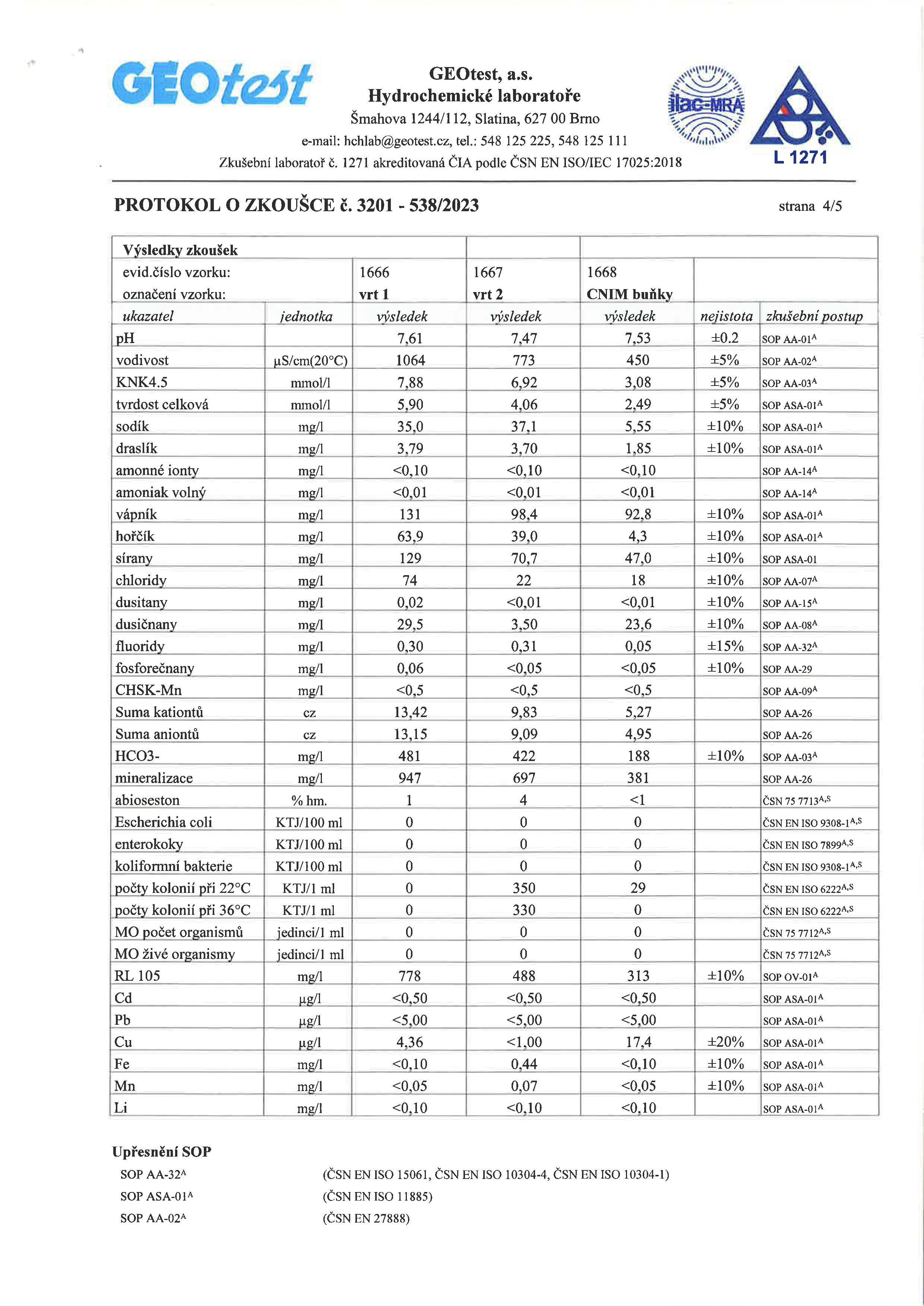
* Act No. 274/2001 Coll., On water supply and sewerage systems for the public, and on legal regulations (Water Supply and Sewerage Act)
* Decree No. 252/2004 Coll., decree laying down hygienic requirements for drinking and hot water and the frequency and scope of drinking water inspections
* Act No. 258/2000 Coll. Act on the Protection of Public Health and on the Amendment of Certain Related Acts

The water samples analysis is done periodically according to the authority’s requirements. EfW Line K2 and K3 has two main sources or fresh water, district network and two deep wells within the plot.









# Quality of District Heating Water

The Contractor shall comply with all Legal regulation in reference the Contract Object, including, but not limited to those listed below (note that each standard can have more separate parts that are relevant for the Contract Object):

* ČSN 07 7401 (077401) Water and steam for hot water and steam boilers with nominal steam pressure of up to 8 MPa

District heating water quality is maintained based on valid contract with district heating network operator in Brno, Teplárny Brno, a.s. Existing contract provides basic requirements on quality of district heating water and for further details refer to the figure 3.

For detail description of existing district heating operation refer to the Appendix A19 *District Heating*.

