



Kuehne
LABORATORY SERVICES

Committed to Excellence

Transforming routine samples
into user-friendly results

Curated Services

Kuehne Laboratory Services specializes in analyzing a variety of samples, including water, salt, brine, sodium hypochlorite, caustic soda, and hydrochloric acid. Our comprehensive assessment covers critical parameters such as density, concentration, metals, ions, pH, and conductivity.

At the heart of our mission is a commitment to providing continuous support to our clients. We transform routine samples into user-friendly results, empowering our clients to maintain high-quality assurance standards, make informed decisions, and optimize their operations.

We offer continuous support to our clients, assisting them in tracking and trending their data over time.

Our Team of Experts



With over 55 years of combined experience and diverse educational backgrounds in analytical and process manufacturing, our scientists and technicians deeply appreciate the significance of accurate data. They bring a wealth of knowledge gained from working across various industries, including environmental labs, aviation, marine, and particularly the chlor alkali sector.

They are proficient in both ISO and Six Sigma certification programs and have extensive exposure analysis expertise. Additionally, they possess a vast understanding of instrumentation, enabling them to analyze samples with exceptional precision, even down to parts per billion.

Their expertise extends beyond theoretical knowledge, as they have hands-on experience implementing quality control measures in real-world settings. This practical experience ensures that they not only understand the importance of accurate data but also have the skills to consistently deliver results that meet the highest standards of excellence.

Customized Analytical Solutions

We are committed to meeting your unique analytical needs. We welcome the opportunity to discuss the development of new, tailored methods that precisely match your requirements. Your satisfaction is our priority.

Our expertise covers a wide range of sample types, including:

- Water
- Brine
- Salt
- Caustic Soda
- Hydrochloric Acid
- Sodium Hypochlorite

Each of these samples has been thoroughly analyzed by our experienced team for numerous satisfied customers in the past. If your specific sample type is not listed here, rest assured that we are ready to develop new methods to meet your needs.

Note

We are not accepting any type of radioactive material at this time.



Advanced Metal Analysis

Utilizing cutting-edge technology allows us to guarantee accurate and precise metal analysis. Our primary tool, the Agilent ICP-OES 5800, delivers dependable results across various applications.

For metals certified by method EPA 200.8 for potable water, we rely on the Agilent ICP-MS QQQ 8900. This state-of-the-art instrument ensures unparalleled sensitivity and accuracy.

Metals Analyzed Include

- Aluminum (Al)
- Antimony (Sb)
- Arsenic (As)
- Barium (Ba)
- Beryllium (Be)
- Boron (B)
- Cadmium (Cd)
- Calcium (Ca)
- Cerium (Ce)
- Chromium (Cr)
- Cobalt (Co)
- Copper (Cu)
- Iron (Fe)
- Lead (Pb)
- Lithium (Li)
- Magnesium (Mg)
- Manganese (Mn)
- Mercury (Hg)
- Molybdenum (Mo)
- Nickel (Ni)
- Phosphorus (P)
- Potassium (K)
- Selenium (Se)
- Silica (SiO₂)
- Silver (Ag)
- Sodium (Na)
- Strontium (Sr)
- Thallium (Tl)
- Tin (Sn)
- Titanium (Ti)
- Vanadium (V)
- Zinc (Zn)



Precision Anion Analysis

We pride ourselves on harnessing the power of cutting-edge technology to deliver precise anion analysis tailored to your needs. With our advanced Metrohm 940 Professional Vario Ion Chromatography system, we offer a comprehensive solution for detecting and quantifying various anions in your samples.

Anions Analyzed Include

- Bromate (BrO_3)
- Bromide (Br)
- Chlorate (ClO_3)
- Chloride (Cl)
- Fluoride (F)
- Nitrate (NO_3)
- Nitrite (NO_2)
- Perchlorate (ClO_4)
- Phosphate (PO_4)
- Sulfate (SO_4)



Comprehensive Testing

Physical Testing

- Suspended Solids / Insolubles
- Dissolved Solids
- Moisture Testing
- pH Analysis
- Specific Gravity
- Fluoride (F)
- Iodine (I)

Bleach Testing

- % NaOCl | Bleach Strength
- % NaOH | Excess Caustic

Caustic Testing

- % NaOH | Sodium Hydroxide
- % Na₂CO₃ | Sodium Carbonate
- % Na₂O | Sodium Oxide

Flexible Reporting Options

Balancing Accuracy and Client Needs

Our reporting limits are set to ensure a specific level of accuracy. At your request, we can report to our detection limits, albeit with some compromise on the accuracy guarantee.

**Simplicity
does not
precede
complexity,
but
follows
it.**

- Alan J. Perlis



Empowering Decision-Making

Simplified Data Analysis

Every piece of data has a story to tell. Our commitment is to ensure that everyone, regardless of technical expertise, can understand and benefit from these insights.

We recognize the value of actionable data. That's why we offer continuous support to our clients, assisting them in tracking and trending their data over time. By identifying patterns and trends, we empower our clients to make informed, data-driven decisions that drive success.

We don't just deliver data—we deliver clarity, understanding, and empowerment. Let us help you unlock the full potential of your data and transform it into meaningful insights for your business.



Method Development and Instrumentation Setup

Tailored Support

Kuehne Laboratory Services offers invaluable support. Our team specializes in method development and instrumentation setup, tailored to the unique needs of our clients.

Whether you're seeking customized analytical methods or guidance on optimizing instrumentation, we're here to provide expert assistance.

Trust Kuehne Laboratory Services to empower your business with the tools and expertise needed for success.



Submission Guidelines

Tailored Sample Priority Options

We understand that each sample is unique and requires different levels of attention. That's why we offer a range of sample priority options to suit your specific needs. Please note that the availability of certain options may vary depending on the type of sample submitted and its requirements.

Costs for sample processing are determined by the type of sample and priority requested. Please inquire for specific pricing details.

Same Day

Samples are processed with the highest priority and completed by the end of the same day if received before 9 AM. Samples received after 9 AM will be completed by the next day before noon.

Two Day

Your samples will be processed within two days of receipt, ensuring prompt analysis and timely results.

Three Day

Opt for this option if you need your samples analyzed within three days of submission.

Standard

For routine analysis, we offer a standard processing time ranging from 4 to 10 days.



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