



SWEDISH LAB HÖGANÄS UNVEILS MULTIFACETED BENEFITS FOLLOWING INTEGRATION OF COLDBLOCK INTO LABORATORY OPERATIONS

May 14, 2024 (Höganäs, Sweden) – Höganäs, a global leader in metal powder manufacturing for powder metallurgy, has disclosed a series of significant advantages resulting from the adoption of ColdBlock Technologies Inc.'s cutting-edge digestion unit in their laboratory operations.

Alexander Henrich, Ph.D, Manager for the Chemical Analysis Service laboratory at Höganäs, spearheaded the evaluation of ColdBlock's innovative technology within the lab premises over the past 7 months. The conclusive findings demonstrate a paradigm shift in laboratory efficiency and safety.

"We have unearthed numerous benefits through the integration of ColdBlock into our lab," stated Dr. Henrich. Among the key findings:

- **Consistent Digestion Success:** The majority of samples subjected to ColdBlock digestion have yielded results congruent with those obtained through conventional microwave technology, affirming its efficacy and reliability.
- **Reduction in Consumables:** ColdBlock's streamlined process necessitates fewer consumables and a minimum to no preventive maintenance at all, compared to microwave technology, resulting in substantial cost savings.
- **Enhanced Safety Measures:** The implementation of ColdBlock enhances workplace safety by enabling open digestions, thereby eliminating the requirement for pressurization and mitigating risks associated with burns or explosions.

Dr. Henrich emphasized, 'Our ultimate objective is to minimize costs and reduce digestion time, and ColdBlock facilitates this seamlessly.' He reaffirmed that Höganäs is very pleased with the results from using ColdBlock and looks forward to continuing to evaluate its impact on throughput, cost efficiencies, and precision in all digestions.

About Höganäs

Höganäs is a global leader in metal powder manufacturing for powder metallurgy. For further information about Höganäs, visit www.hoganas.com/en/ and follow along on [LinkedIn](#).

About ColdBlock Technologies

ColdBlock sample digestion technology uses focused short-wave infrared heating, and a unique cooling zone to dissolve solid sample matter into solution for multi-element analysis with a significantly faster, simpler, and safer process compared with other digestion methods. ColdBlock's sample digestion system is being used in laboratories across several industries, saving time and money by increasing sample throughput capacity and significantly reducing turnaround times, while providing accurate and reliable results. ColdBlock Technologies Inc. is a privately owned company based in Ontario, Canada.

For further information, visit www.coldblock.ca and follow us on [X \(@coldblock\)](#) and [LinkedIn](#).

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