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results.
Redefine your
industry.



CASE STUDY: A NEW PATH FOR IV WITH PURE STARTING MATERIALS

Added Value to
High-Purity Metal
Compounds with
Trace Metals
Impurity Testing

CHALLENGE

A long-term partnership between Inorganic Ventures (IV) and one of our most loyal suppliers sparked ideas about a new endeavor with the highest quality starting materials as the focus. Our collaborating supplier is known for offering ultra-pure inorganic metal compounds and with the addition of Inorganic Ventures' years of ISO accredited testing expertise, the duo will provide even greater value to the products.

Inorganic Ventures will rigorously test the supplier's starting materials for more than 68 elemental impurities using both ICP-OES and ICP-MS. The IV Trace Metallic Impurity (TMI) testing program will provide certificates detailing purity information and including identified trace metals and detection limits. For a multitude of companies, it is important to know which trace metals are present and at what levels when planning for product development or regulatory compliance. The insight this testing provides is also used to make companies aware of quality control issues or factors for improving their methods and processes.

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CHALLENGE *continued*

Along with the added TMI testing, Inorganic Ventures will hermetically seal the products using our industry tested Transpiration Control Technology (TCT) to ensure product integrity and provide confidence and consistency when it comes to shipping and storage. Another benefit to this product transformation will be the distribution network used by Inorganic Ventures. Our distribution chain stretches all over the world making it easier for customers to obtain these metals in compounds common to many manufacturing and analytical processes.

PRODUCTS

Aluminum nitrate hexahydrate	99.999%	CAS Number: 7784-27-2
Calcium carbonate	99.9995+%	CAS Number: 471-34-1
Chromium nitrate nonahydrate	99.999%	CAS Number: 7789-02-8
Iron nitrate nonahydrate	99.9995%	CAS Number: 7782-61-8
Magnesium nitrate hexahydrate	99.999%	CAS Number: 13446-18-9

COMMITMENT

At Inorganic Ventures, we want to empower our customers to be leaders, improve efficiencies and meet challenges head on. If your company has unique testing requirements or high-purity specifications, Inorganic Ventures would love to be of service to you. Our team of expert chemists and customer experience representatives look forward to working with you as a direct partner. Whether this involves process improvement, custom blending or bulk solution manufacturing, our goal is to offer proven care and support as you refine your results and redefine your industry.

