ENGELHARD
Materials Services

BASF
We create chemistry

Why BASF Environmental Catalyst and Metal Solutions (ECMS): Assaying

BASF ECMS applies the highest standards with ISO-accredited assaying handled only by qualified and experienced analytical chemists.

WORLD-RENOWNED ASSAY LAB

- Our team of highly trained chemists provide the best analytical services representing the highest standards in the industry.

TECHNIQUE

- Each lot is analysed separately with highly accurate techniques tailored to your materials, resulting in the highest total return.
- State-of-the-art instruments remove contamination and interference for precise PGM determinations.

METHOD

- BASF ECMS is among very few refiners to apply ISO 17025 accredited methods.
- Rigorous statistical standards enable us to deliver the highest level of accuracy and precision in the industry.
- As part of ISO 17043 accredited process, we undertake numerous round-robins to build alignment with other reputable independent labs.

PEOPLE

- At BASF ECMS, our scientists are experts in analytical chemistry; they are trained in state-of-the-art methods and techniques for PGM analysis.
- Before they assay your samples, each chemist must pass strict qualification standards in accordance with our ISO-17025 Quality Management System. Annual requalification for each chemist is a requirement.

GLOBAL EXPERTS TEAM PLATFORM

- Top chemists from 5 sites across the globe are elected to share and align best practices for consistent and accurate results regardless of geographic location.
- You will get consistent, accurate and precise analytical results regardless of where you send your materials within our global recycling network.

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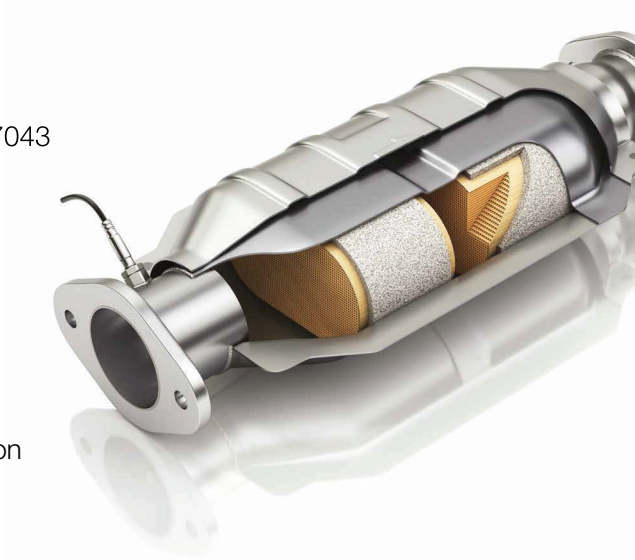
ISO PGM ANALYTICAL ACCREDITATION

BASF ECMS is one of few refiners to employ ISO 17025/17043 accredited methods in our labs, adhering to an international standard of the competence of PGM determinations.



SUSTAINABLE SOLUTIONS

BASF ECMS is proud to promote sustainable growth and environmental responsibility. We recognize the increasing importance of a circular economy and are in a unique position to support our partners with sustainable processes.

ABOUT US

Leveraging its deep expertise as the global leader in catalysis and precious metals, BASF Environmental Catalyst and Metal Solutions (ECMS) serves customers in many industries including automotive, aerospace, indoor air quality, semiconductors and hydrogen economy, and provides full loop services with its precious metals trading and recycling offering. With a focus on circular solutions and sustainability, ECMS is committed to helping our customers create a cleaner, more sustainable world. Protecting our elements of life is our purpose and this inspires us to ever-new solutions. ECMS operates globally in 14 countries with over 4,700 employees and 30 sites.

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