

Custom Powder, Chip and Particle Reference Materials

Custom powder CRMs are produced in our ISO 17034 accredited facilities using our proprietary methodology developed for the OREAS® CRM range.

Materials

We have extensive experience in the preparation and certification of a diverse range of Custom RMs and CRMs including:

- ▶ Exploration samples
- ▶ Manufacturing process control standards (cement, lime, steel, industrial minerals)
- ▶ Downstream metallurgical products (slags, concentrates, tailings, floats)
- ▶ Specialty or engineered materials (catalysts, battery materials, ceramics)



Processing capability

- ▶ Batch sizes ranging from 20 kg to 12,000 kg.
- ▶ Blending, Crushing, splitting, and milling capabilities.
- ▶ Minimum median size fraction as low as 10 µm.
- ▶ For some materials, grades can be tailored to suit your requirements by combining high grade and barren/low grade material in appropriate proportions.



Packaging

We offer a range of packaging options and flexible labelling options ensure the selected packaging meets your unique requirements. Packaging options include:

- ▶ Single use packets
- ▶ Plastic buckets
- ▶ Vacuum packaging
- ▶ Steel drums
- ▶ Wide mouth plastic jars

Packing under inert gas is routine for reactive materials (e.g. sulfides) ensuring long term stability.

Certification

The analytical characterization programs of Custom CRMs are tailored to the specific needs of our clients. Certification is undertaken in accordance with ISO guidelines.

Contact our experts to discuss how we can custom make a product to your exact project requirements.