



Particle Size Analysis

Services

Let's talk ...

If particle size analysis plays an important role in the quality control of your product.



Callum analysing a chemical dispersion sample for laser particle size

What we offer

Particle size analysis involves various techniques to determine particle size in samples. Industries use this information for manufacturing and waste management to maintain their quality and minimise environmental impact.

HRL specialises in advance particle size analysis for the pharmaceutical, mining and food manufacturing industries to assist with product quality, operational efficiency, safety standards and environmental compliance. Employing laser diffraction, SEM-EDX, sedimentation analysis and dry and wet sieving, we deliver precise measurements tailored to the unique challenges faced by each industry.

Additional analytical capabilities, including ICP-OES, XRF, FTIR and other analytical spectroscopic techniques, enhance our ability to provide insightful solutions, and assist our clients with making cost savings and informed decisions

Industry Challenges

Particle size variations pose challenges for businesses, affecting product quality, material handling, process development, personal protective equipment (PPE) selection, environmental compliance in wastewater recycling, water system sedimentation and adherence to regulatory standards for stack emissions and discharges.

Our Expert Team

Our particle size analysis team has over 10 years' experience, combining technical skills with innovation, to deliver precise and scientifically focused particle size analysis solutions for the many industries where particle size is important for quality control.

Contact our experts



Read more



Callum Fergeus
cfergeus@hrl.com.au



Zachary Stute
zstute@hrl.com.au