

## KEY FEATURES AND BENEFITS

- Precision gas mixtures and pure gases available in a range of refillable and non-refillable cylinders
- Mixtures blended gravimetrically in our own in-house laboratory
- Rapid turnaround for bespoke mixture requests
- Comprehensive stocks of mixtures in non-refillable cylinders for rapid despatch
- Full range of complimentary gas control equipment and accessories
- Highly trained staff to provide fast, friendly and efficient product and application advice



CryoService gas mixtures are manufactured gravimetrically according to the principles of ISO6142, certified accordingly and are thereby traceable to national standards. The certificate of analysis is unique to each cylinder / mixture combination and a range of certification standards are available to suit all applications.



- Analytically traceable to National Standards
- Standard Preparation Tolerance +/-5%
- Certification uncertainty between +/-3% to +/-<1% (depending on concentration & component)
- Certification of Analysis complete with full uncertainty budget
- Analytically certified against NPL Primary Reference Gas Standards
- UKAS calibration certificates in accordance with ISO17025



- Gravimetrically traceable to National Standards
- Standard Preparation Tolerance +/-5%
- Certification Tolerance typically +/-1%
- Certificate of Analysis with full uncertainty budget
- Analytically quality checked against in-house calibration gas standards traceable gravimetrically to National Standards



- As Gold but with Standard Certification Tolerance +/-1%



- Gravimetrically traceable to National Standards
- Standard Preparation Tolerance +/-5%
- Standard Certification Tolerance +/-2%
- Certificate of Analysis
- Analytically quality checked against in-house calibration gas standards traceable gravimetrically to NPL National Standards



- Gravimetrically traceable to National Standards
- Standard Preparation Tolerance +/-5%
- Certificate of Conformity (on request)