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Certified Ethanol Standards – % ABV (Alcohol by Volume)

Paragon Scientific's Certified Ethanol Standards are certified for % ABV (Alcohol by Volume) and are designed to be used for the calibration and/or verification of alcoholmeters or densitometers used to determine alcohol content, and for monitoring analytical performance of analyst or methodology. Each Certified Reference Material (CRM) is dual certified to **ISO 17025 & ISO 17034** under our UKAS accreditation.



Importance of Measuring Alcohol Content:

It is a typical requirement for alcohol products to be labelled with an alcoholic strength or an alcohol content value, generally a percentage volume of alcohol content. Determining and measuring the alcohol (ethanol) content is critical for quality control purposes and to ensure the declaration of alcohol content is correct for industry and tax measurements.

Accurate and precise measurements will be of critical importance to any distillery to ensure that their products meet the correct alcohol content. Regular calibration and / or verification of the performance of alcoholmeters or densitometers using certified reference materials helps ensure that laboratories comply with quality control standards and produce reliable results with maximum accuracy.

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These Ethanol CRMs are certified in strict accordance to both ISO/IEC 17025 and ISO/IEC 17034 as per our accreditation to the United Kingdom Accreditation Service (UKAS). Manufactured to a premium quality, Paragon's dual UKAS accreditation to [ISO 17025](#) and [ISO 17034](#) provides a level of confidence and assurance that international guidelines are followed in the production, labelling, and assignment of property values to materials, including stability and homogeneity determinations.

Each CRM provides traceability of measurement to recognised national standards, and to units of measurement realised at the National Physics Laboratory (NPL), National Institute of Standards & Technology (NIST) or other recognised national standards laboratories, so end users can be confident the results are metrologically traceable. The alcohol content is certified in accordance with the UK Revenue & Customs Laboratory Alcohol Table.

Key Benefits:

- Certified in strict accordance to [ISO 17025](#) and [ISO 17034](#) under our UKAS accreditation.
- Highest level of accreditation guarantee, providing the most credible certified data available worldwide.
- Suitable for the calibration and/or verification of alcoholmeters or densitometers used to determine alcohol content, and for monitoring analytical performance of analyst or methodology.
- Fully traceable to international standards and low levels of uncertainty achieves maximum accuracy of data.
- Supplied in 25 mL volume, tamper-evident glass packaging, providing assurance of sample integrity.
- Manufactured in the United Kingdom
- 12 month shelf life

Certified Ethanol Standards - % ABV (Alcohol by Volume)

Part Number	Description
ETWA05	Certified Ethanol Standard – 5 % ABV (Alcohol by Volume), UKAS ISO 17025 & ISO 17034 Certified, 25 mL
ETWA15	Certified Ethanol Standard – 15 % ABV (Alcohol by Volume), UKAS ISO 17025 & ISO 17034 Certified, 25 mL
ETWA40	Certified Ethanol Standard – 40 % ABV (Alcohol by Volume), UKAS ISO 17025 & ISO 17034 Certified, 25 mL
ETWA70	Certified Ethanol Standard – 70 % ABV (Alcohol by Volume), UKAS ISO 17025 & ISO 17034 Certified, 25 mL

Why choose Paragon?

All of Paragon's products have been manufactured to the highest certification integrity coupled with premium quality. Every certificate provides low levels of uncertainty of measurement and is fully traceable to international methodology. With an excellent reputation across multiple industries, Paragon provides excellent customer service, technical support and prompt delivery to all its customers.

Paragon Scientific has always sought to certify its products to the highest metrological level it can achieve, this has been one of its key objectives since the company was founded and has set them apart from other reference material producers.

Integrity and Quality has and always will be at the forefront for Paragon Scientific, which is evidenced by their accreditations to ISO 17025 and ISO 17034 under UKAS and the long-standing relationships with end-users and the worldwide partners they work with. Integrity and Quality are embedded across all their business activities and provides the framework in how they approach new ideas and operate.

For further information, please feel free to contact our team at sales@paragon-sci.com or contact your local representative.

