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Fapas® QC MATERIAL DATA SHEET	T13110QC
Matrix	Rum
Weight / Volume of Contents	200 mL

Analyte	Assigned Value, x_a	Range for |z| ≤2	Units	No. of data points producing x_a
Alcoholic Strength (real)	40.0	39.7 - 40.3	% volume	14
Alcoholic Strength (apparent)	39.2	38.9 - 39.5	% volume	8
Ethanal	11.0	6.4 - 15.6	g/100l of absolute alcohol	7

This data sheet is applicable until	12 Oct 2026
Recommended Storage on receipt	+4°C

Notes

- Mix the QC material thoroughly before taking a representative analytical sample.
- The assigned value has been derived from the consensus of laboratories taking part in proficiency test, using a variety of methods. This is not a certified reference value.
- The Range for |z| ≤2 is the concentration range within the limits of ±2 z-scores. The assigned value and its range have been established from the proficiency test data and are suitable for use by laboratories as a fit-for-purpose quality control measure.
- Stability of the QC material has been established as sufficient for the scope of the proficiency test from previous experience, expert advice and published literature. Fapas® advises that the QC material is analysed within the recommended date. Fapas® QC materials are intended to be used as single-analysis samples.
- Full details on the proficiency test procedure used to characterise this QC material are available in the Protocol, Part 1 - Common Principles, freely available to download from the Fapas® website.
- You may use any method of analysis you wish.