



Fapas® QC MATERIAL DATA SHEET	T13105QC
Matrix	Rum
Weight / Volume of Contents	200 ml

Analyte	Assigned Value, $x_a$	Range for $ z  \leq 2$	Units	No. of data points producing $x_a$
Alcoholic Strength (real)	39.8	39.5 - 40.1	% volume	11
Ethanal (acetaldehyde)	7.58	4.39 - 10.77	g/100l of absolute alcohol	6

This data sheet is applicable until	08 Dec 2025
Recommended Storage on receipt	+4°C

#### Notes

- 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  $|z| \leq 2$  is the concentration range within the limits of  $\pm 2$  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.