



Fapas® QC MATERIAL DATA SHEET	T30119QC
Matrix	Coffee
Weight / Volume of Contents	35 g

Analyte	Assigned Value, x_a	Range for $ z \leq 2$	Units	No. of data points producing x_a
Furan	224	134 - 314	$\mu\text{g/kg}$	28
2-Methylfuran	849	571 - 1127	$\mu\text{g/kg}$	23
3-Methylfuran	52.8	29.5 - 76.0	$\mu\text{g/kg}$	18
2,5-Dimethylfuran	101	57 - 145	$\mu\text{g/kg}$	17

This data sheet is applicable until	21 Apr 2024
Recommended Storage on receipt	-20°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 ± 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.