

FAPAS QC MATERIAL DATA SHEET	T25254QC
Matrix	Infant Formula
Weight / Volume of Contents	50g

Analyte	Assigned Value, $X_a$	Range for $ z  \leq 2$	Units	No. of data points producing $X_a$
Arginine	27.7	22.1 - 33.2	mg/g of protein	10
Histidine	26.6	21.3 - 31.9	mg/g of protein	10
Isoleucine	54.6	43.7 - 65.5	mg/g of protein	9
Leucine	106	85 - 127	mg/g of protein	9
Methionine	22.0	17.6 - 26.4	mg/g of protein	10
Phenylalanine	64.6	51.6 - 77.5	mg/g of protein	10
Threonine	49.4	39.5 - 59.2	mg/g of protein	10
Tyrosine	34.5	27.6 - 41.4	mg/g of protein	10
Valine	53.5	42.8 - 64.2	mg/g of protein	10

This data sheet is applicable until	14 Feb 2025
Recommended Storage on receipt	-20°C
Notes	
<ul style="list-style-type: none"> <li>• Mix the QC material thoroughly before taking a representative analytical sample</li> <li>• The assigned value has been derived from the consensus of laboratories taking part in this proficiency test, using a variety of methods. This is not a certified reference value.</li> <li>• The Range for <math> z  \leq 2</math> is the concentration range within the limits of <math>\pm 2</math> 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• You may use any method of analysis you wish.</li> </ul>	