

ISO 23305:2020-04 (E)

Fortified milk powders, infant formula and adult nutritionals - Determination of total biotin by liquid chromatography coupled with immunoaffinity column clean-up extraction

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Principle	1
5	Reagents and materials	2
5.1	General	2
5.2	Reagent preparation	2
5.3	Standard preparation	3
5.4	Calculation of concentration	4
6	Apparatus	4
7	Procedure	5
7.1	Sample preparation	5
7.2	Chromatography	6
7.3	Quality control	7
8	Calculations	7
9	Precision	8
9.1	General	8
9.2	Repeatability	8
9.3	Reproducibility	8
10	Uncertainty of measurement	8
11	Limit of quantitation	9
Annex A (informative) Example chromatograms		10
Annex B (informative) Precision data		12
Annex C (informative) Comparison between this document and EN 15607		14
Bibliography		16