

ISO 20418-1:2018-03 (E)

Textiles - Qualitative and quantitative proteomic analysis of some animal hair fibres - Part 1: Peptide detection using LC-ESI -MS with protein reduction

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	2
5	Reagents	2
6	Apparatus	3
7	Test method	3
7.1	Sampling	3
7.2	Preliminary identification	3
7.3	Sample preparation	3
7.4	Protein extraction	4
7.5	Trypsin digestion of the extracted proteins	4
7.6	Tryptic peptides analysis by LC-ESI-MS	4
7.7	Calculation and expression of results	4
7.8	Test report	5
Annex A (informative)	Parameters	6
Annex B (informative)	Markers	8
Annex C (informative)	Examples of interlaboratory results	9
Bibliography		11