

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