

DIN EN ISO 20418-1:2018-08 (E)

Textiles - Qualitative and quantitative proteomic analysis of some animal hair fibres - Part 1: Peptide detection using LC-ESI-MS with protein reduction (ISO 20418-1:2018)

Contents		Page
European foreword	.....	3
Foreword	.....	4
Introduction	.....	5
1 Scope	.....	6
2 Normative references	.....	6
3 Terms and definitions	.....	6
4 Abbreviated terms	.....	7
5 Reagents	.....	7
6 Apparatus	.....	8
7 Test method	.....	8
7.1 Sampling	.....	8
7.2 Preliminary identification	.....	8
7.3 Sample preparation	.....	8
7.4 Protein extraction	.....	9
7.5 Trypsin digestion of the extracted proteins	.....	9
7.6 Tryptic peptides analysis by LC-ESI-MS	.....	9
7.7 Calculation and expression of results	.....	9
7.8 Test report	.....	10
Annex A (informative) Parameters	.....	11
Annex B (informative) Markers	.....	13
Annex C (informative) Examples of interlaboratory results	.....	14
Bibliography	.....	16