

Contents

Introduction: History and Progress of Objective Skin Analysis

Joachim W. Fluhr

Part I Legal Aspects of Cosmetic Testing

- 1 Regulatory Aspects** 3
Oliver Wunderlich
- 2 Ethical Aspects of Cosmetic Testing** 15
Hristo Dobrev
- 3 Good Clinical Practice** 27
Betsy Hughes-Formella
- 4 Guidelines in Dermocosmetic Testing** 33
Gerald E. Piérard, Valerie Docquier, Anelavre Schreder, Sophre Neuberg,
and Claudine Piérard-Franchimont
- 5 Claim Support: How to Create and Substantiate Claims** 43
Sinead Hickey and Steve Barton

Part II General Aspects of Cosmetic Testing

- 6 Testing Laboratory** 65
Oliver Wunderlich
- 7 Research Staff** 75
Ragna Williams
- 8 Testing Population** 79
Ragna Williams
- 9 Testing Devices and Methods** 83
Gabriel Khazaka

10 Factors Influencing Measurements	89
Enzo Berardesca	
11 Study Design	101
Betsy Hughes-Formella	
12 Cosmetic Testing Report	107
Hristo Dobrev	
Part III Practical Aspects of Testing: Typical Examples of Test Settings	
13 Moisturizers and Emollients	123
Razvigor Darlenski and Joachim W. Fluhr	
14 Antiaging and Antiwrinkle Products	143
Razvigor Darlenski, Theresa Callaghan, and Joachim W. Fluhr	
15 Products for Impure, Acne-Like Skin	155
Hristo Dobrev	
16 Assessment of Hair Morphology	171
H. Zahouani and M. Fougère	
17 Skin Colour and Pigmentation	179
Elisabeth Ammitzbøll Holm	
18 Characterization of Sunscreens: Determination of the SPF	187
Juergen Lademann and Joachim W. Fluhr	
19 Practical Aspects of Shampoo and Conditioner Testing	197
Trefor Evans	
20 Antiperspirants and Deodorants	217
Razvigor Darlenski and Joachim W. Fluhr	
21 Hair Growth	227
Tobias W. Fischer	
22 Sensory Perception	247
Gregor B.E. Jemec	
23 Practical Use and Significance of Transepidermal Water Loss Measurements	253
Truus Roelandt, Diane Roseeuw, and Jean Pierre Hachem	
24 Compliance Check with On-Site Measurements: Advanced Ways in Product Testing	261
Gabriel Khazaka	
Index	267

Practical Aspects of Cosmetic Testing

How to Set up a Scientific Study in Skin Physiology

Fluhr, J. (Ed.)

2011, XI, 272 p., Hardcover

ISBN: 978-3-642-05066-4