

ISO 12787:2011-12 (E)

Cosmetics - Analytical methods - Validation criteria for analytical results using chromatographic techniques

Contents		Page
Foreword		iv
1	Scope	1
2	Terms and definitions	1
2.1	General	1
2.2	Terms relating to validation criteria for analytical results	2
3	Principle	3
4	General information	4
4.1	Matrix effect	4
4.2	Decision tree	5
5	First step -- Minimum validation criteria on standard solutions	6
5.1	General	6
5.2	Estimation of detection and quantification limit in solvent (optional)	6
5.3	Analytical conformity	7
5.4	Calibration: precision, linearity and accuracy	7
6	Second step -- Sample screening	8
6.1	General	8
6.2	Sample screening	8
7	Third step -- Assays	8
7.1	General	8
7.2	Analytes not detected or detected at concentrations less than the LoQ	9
7.3	Analytes detected at a concentration greater than the LoQ	9
8	Summary	11
Annex A (informative) Example of selection of a weighting factor		12
Annex B (normative) Assays with a target value (simplified approach)		13
Bibliography		14