

# ISO 22283:2020 (E)

## Traditional Chinese medicine — Determination of aflatoxins in natural products by LC-FLD

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definition
4	Symbols and abbreviated terms
5	Reagents
6	Apparatus
6.1	LC-FLD
6.2	Chromatographic column
6.3	Glass sample
6.4	Electronic balance
6.5	Homogenizer
6.6	Centrifuge
6.7	Volumetric flask
7	Sample preparation
8	Test method
8.1	Stock solution and working solution
8.2	LC-FLD conditions
8.2.1	General
8.2.2	LC-FLD conditions and system suitability
8.2.3	Post-column derivatization
8.2.3.1	Iodine derivatization
8.2.3.2	Photochemical derivatization
8.2.4	Quantification of aflatoxins in the test sample using calibration curves
8.3	Application of test method
9	Sampling and preservation
9.1	Sampling
9.2	Sample storage
Annex A	(informative) LC-FLD method
Annex B	(informative) Chromatogram of AFG2, AFG1, AFB2 and AFB1
Annex C	(informative) Reference of national, regional and organizational limits of aflatoxins in natural products
Annex D	(informative) Method validation