

DIN EN 1787:2022-08 (E)

Foodstuff - Detection of irradiated foodstuff containing cellulose by ESR spectroscopy

Contents	Page
European foreword	3
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	5
4 Principle	5
5 Apparatus and equipment.....	6
6 Procedure	6
6.1 Sample preparation	6
6.1.1 General.....	6
6.1.2 Shells and stones	6
6.1.3 Spices.....	6
6.1.4 Strawberries	7
6.2 ESR Spectroscopy	7
6.2.1 Spectrometer settings.....	7
6.2.2 Analysis of sample	8
7 Evaluation.....	8
7.1 G-value calculation	8
7.2 Identification of irradiated samples	8
8 Limitations	9
9 Validation	9
10 Test report.....	10
Annex A (informative) Example Figures	11
Annex B (informative) Further information on the applicability	13
Bibliography	14