DIN EN 17550:2022-02 (E)

Animal feeding stuffs: Methods of sampling and analysis - Determination of carotenoids in animal compound feed and premixtures by high performance liquid chromatography - UV detection (HPLC-UV)

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Principle 5

5 Reagents and materials 5

6 Apparatus 9

7 Sampling 11

8 Preparation of test sample 11

9 Procedure 11

10 Calculation 16

11 Precision 17

12 Test report 17

Annex A (informative) Complementary instrumental and analytical information 18

A.1 Absorption coefficient values 18
A.2 Examples of chromatographic profile patterns of isomerized carotenoids 19
A.3 Results of the collaborative study 31

Bibliography 48