

# DIN EN ISO 17180:2013-08 (E)

## Animal feeding stuffs - Determination of lysine, methionine and threonine in commercial amino acid products and premixtures (ISO 17180:2013)

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Principle .....	4
3	Reagents and materials .....	4
4	Apparatus .....	6
5	Procedure .....	7
5.1	Preparation of samples .....	7
5.2	Number of prepared extracts .....	7
5.3	Extraction using dilution by weighing .....	7
5.4	Extraction using volumetric dilution .....	8
5.5	Chromatography .....	8
6	Calculation of results .....	8
6.1	Principle of the method and control of the calibration .....	8
6.2	Calculation if dilution by weighing is applied .....	9
6.3	Calculation if volumetric dilution is applied .....	9
7	Precision .....	10
7.1	Interlaboratory test .....	10
7.2	Repeatability .....	10
7.3	Reproducibility .....	11
8	Test report .....	11
Annex A (informative) Data gathered from collaborative study .....		12
Bibliography .....		14