

DIN ISO 20481:2011-01 (E)

Coffee and coffee products - Determination of the caffeine content using high performance liquid chromatography (HPLC) - Reference method (ISO 20481:2008)

Contents		Page
National foreword		3
National Annex NA (informative) Bibliography		4
1	Scope	5
2	Normative references	5
3	Principle	5
4	Reagents	5
5	Apparatus	6
6	Sampling	7
7	Preparation of test samples	7
7.1	Green coffee	7
7.2	Roasted coffee	7
7.3	Soluble coffee	8
7.4	Mixed beverages	8
8	Procedure	8
8.1	Optional determination of coffee dry matter (see 9.2)	8
8.2	Test portion	8
8.3	Extraction of caffeine	8
8.4	Determination	9
9	Calculation	9
9.1	Caffeine content in the sample	9
9.2	Optional determination of caffeine content in the sample on the dry basis (see 8.1)	10
10	Precision	10
10.1	Interlaboratory test	10
10.2	Repeatability	11
10.3	Reproducibility	11
11	Test report	11
Annex A (informative) Precision data of validation study on caffeine determination in coffee and coffee products		12
Bibliography		14