

ISO 18465:2017-01 (E)

Microbiology of the food chain - Quantitative determination of emetic toxin (cereulide) using LC-MS/MS

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	General principle	1
5	Reagents	1
6	Apparatus and equipment	3
7	Procedure	4
7.1	Sample preparation	4
7.2	Standard preparation	4
7.3	LC-MS analysis	5
7.3.1	LC conditions	5
7.3.2	MS conditions and tuning parameters	5
7.3.3	Transitions (multiple reaction monitoring, MRM)	6
8	Calculation	6
9	Quality controls	7
10	Precision	8
10.1	General	8
10.2	Repeatability	8
10.3	Reproducibility	9
Annex A (informative) Results of the interlaboratory study		10
Annex B (informative) Possible transitions of cereulide in MS[3]		12
Bibliography		14