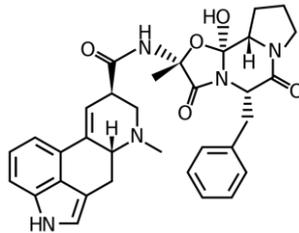


## ERG

Order No.: RMM-80-922a

for analysis of Ergot-Alkaloids (ERG) in rye



Analyte: Ergotalkaloids (ERG), here exemplary Ergotamin

### Specification

Lot No.	080922210624275
Matrix Type	Rye
Analyte	Ergot-Alkaloids (ERG)
Weight/Volume	50 g
Storage	-18 °C
Expiry date	06/2025

### Concentration

analyte	mean value µg/kg*	2 × standard deviation µg/kg*	assigned value (X) µg/kg	2 × standard deviation µg/kg
Ergometrin	56,9	13,5	68,1	± 21
Ergometrinin	11,2	1,5		
Ergosin	80,3	31,9*	119,3	± 36
Ergosinin	39,0	28,3*		
Ergotamin	164,0	99,7*	227,4	± 67
Ergotaminin	63,4	83,0*		
Ergocornin	62,9	30,5	83,1	± 25
Ergocorninin	20,2	8,6		
αβ-Ergocryptin	101,2	100,4*	139,4	± 42
αβ-Ergocryptinin	38,2	32,7*		
Ergocristin	150,7	45,5*	195,1	± 59
Ergocristinin	44,4	55,7*		
total	<b>832,5</b>	<b>46,4</b>	<b>832,5</b>	<b>± 46</b>

\*For information only – variation very high – epimerization may have occurred either in the material or analysis.

### Comments

aokin reference matrix material is naturally contaminated and homogenized by rotary motion. Concentration of the sum of the analyte derivatives is of certified value determined by 3 independent ISO17025 laboratories. The error given is 2 × the standard variation. High variation in the values of the epimers. Values for information only.