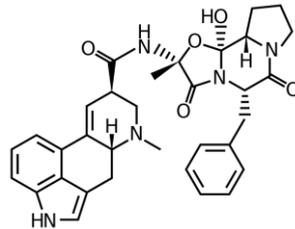


ERG

Order No.: RMM-80-923a

for analysis of Ergot-Alkaloids (ERG) in rye



Analyte: Ergotalkaloids (ERG), here exemplary Ergotamin

Specification

Lot No.	080923210624275
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	35,4	12,3	42,8	± 14	—
Ergometrinin	7,4	1,1			
Ergosin	66,2*	26,0*	94,8	± 9	—
Ergosinin	28,5*	34,6*			
Ergotamin	93,8*	48,7*	136,0	± 46	—
Ergotaminin	42,4*	68,8*			
Ergocornin	36,0	5,6	46,7	± 9	—
Ergocorninin	10,8	4,1			
Ergocryptin	50,6	54,7	70,2	± 52	—
Ergocryptinin	19,6	13,0			
Ergocristin	95,2*	68,0*	117,5	± 83	—
Ergocristinin	22,3*	15,5*			
total	508	± 149	508	± 149	

*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.