

## Supporting Information

# Evaluation of the Transfer and Occurrence of Opium Alkaloids in Poppy Seed Teas Using Preconcentrations with $\mu$ SPEed<sup>®</sup> Followed by GC-MS Analysis

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**Table S1.** Registration of the different poppy seeds used to make tea infusion with their description, species and origin.

Code	Description	Specified specie by labelling	Cultivation type	Origin	Best-before date	Recommendations for use
S-1	Physically: blue poppy seeds	<i>P. rhoeas</i>	No ecological cultivation	Not specified	01/2025	Not specified
S-2	Physically: blue poppy seeds	<i>P. rhoeas</i>	No ecological cultivation	Not specified	12/07/2022	3 cups per days of 4 g of poppy seeds for 10 min
S-3	Not specific on the label. Physically: blue poppy seeds	Not specified	Ecological cultivation	Turkey	04/2025	Not specified
S-4	Not specific on the label. Physically: blue poppy seeds	Not specified	No ecological cultivation	Not specified	20/11/2022	Not specified

**Table S2.** Summary of the number of transfer studies performed with the three factors under study and the two levels of each.

RUN	Levels of each factor		
	Temperature (°C)	Amount (g)	Time (min)
1	90	2	5
2	90	2	10
3	90	4	5
4	90	4	10
5	100	2	5
6	100	2	10
7	100	4	5
8	100	4	10