

1 Supporting information
2 for
3 **Green liquid chromatography method for rapid determination of**
4 **ergosterol in edible fungi based on matrix solid-phase dispersion**
5 **extraction and core shell column**

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20 The Supporting Information includes following items:

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23 Table S1. Intraday precision data

Concentration ($\mu\text{g/mL}$)	No.	Peak Area	RSD (%)
8.42	1	19.46	0.7
	2	19.26	
	3	19.59	
	4	19.34	
	5	19.25	
	6	19.33	

26 Table S2. Interday precision data

Concentration ($\mu\text{g/mL}$)	No.	Peak Area	RSD (%)
8.42	1	19.13	0.8
	2	19.38	
	3	19.34	
	4	19.20	
	5	19.59	
	6	19.33	

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29 Table S3. Recovery data

Amounts in sample (μg)	Added amounts (μg)	Detected amounts (μg)	Recovery (%)	Mean (%)	RSD (%)
33.08	31.59	66.26	105.01		
33.08	31.59	65.92	103.95		
33.09	31.59	64.41	99.14	100.4	3.23
33.09	31.59	63.94	97.70		
33.08	31.59	64.41	99.19		
33.08	31.59	63.89	97.60		

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34 Table S4. Stability data

Sample	Time (h)	Concentration (mg/g)	Mean (mg/g)	RSD (%)
S1	0	3.71	3.53	2.29
	2	3.49		
	4	3.48		
	6	3.53		
	8	3.51		
	10	3.51		
	12	3.48		

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