

## SUPPLEMENTARY MATERIAL

### OPTIMIZATION OF MICROWAVE-ASSISTED EXTRACTION OF PHENOLIC COMPOUNDS FROM *INULA BRITANNICA* L. USING BOX-BEHNKEN DESIGN

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**Table S1.** Box-Behnken design matrix and response values for the extraction yield of total phenolics (TPC)

Run	A: Liquid-to-solid ratio [mL/g]	B: EtOH concentration [%, v/v]	C: Time [min]	D: Temperature [°C]	TPC [mg GAE/g DM]
1	10	50	5	60	30.91
2	10	100	5	60	5.16
3	20	75	2	45	11.83
4	20	75	2	75	29.57
5	20	75	8	45	20.02
6	20	75	8	75	38.51
7	10	75	5	45	19.74
8	10	75	5	75	37.32
9	20	50	2	60	23.04
10	20	50	8	60	29.65
11	20	100	2	60	1.08
12	20	100	8	60	3.51
13	10	75	2	60	18.14

<b>14</b>	10	75	8	60	26.1
<b>15</b>	20	50	5	45	22.94
<b>16</b>	20	50	5	75	45.81
<b>17</b>	20	100	5	45	4.05
<b>18</b>	20	100	5	75	10.09
<b>19</b>	20	75	5	60	32.94
<b>20</b>	20	75	5	60	31.17
<b>21</b>	20	75	5	60	29.5
<b>22</b>	30	100	5	60	3.11
<b>23</b>	30	50	5	60	31.01
<b>24</b>	30	75	5	45	19.87
<b>25</b>	30	75	5	75	30.62
<b>26</b>	30	75	2	60	14.02
<b>27</b>	30	75	8	60	23.93

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