

Supplementary material to

## Spray-dried cyclophosphamide-loaded polyhydroxyalkanoate microparticles: design and characterization

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The effect of argon gas flow rate and temperature on the particles' average diameter and zeta potential (Table S1).

A – Argon gas flow rate (A100, A90, A80, A70 for 35.0, 31.5, 28.0 and 24.5 m<sup>3</sup> h<sup>-1</sup>, respectively).

T – Inlet temperature (T100, T90, T80, T70 for 100, 90, 80 and 70 °C respectively).

According to the results (the lowest zeta potential value and the lowest hydrodynamic diameter) argon gas flow rate and inlet temperature were chosen to be 35.0 m<sup>3</sup> h<sup>-1</sup> and 100 °C, respectively.

**Table S1.** The effect of argon gas flow rate and temperature on the particles' average diameter and zeta potential.

	Zeta potential, mV	Average diameter, nm
A100 T70	-33.7	3861
A100 T80	-31.9	4177
A100 T90	-32.8	1931
A100 T100	-35.1	1349
A90 T70	-34.2	2778
A90 T80	-34.3	3348
A90 T90	-32.3	2818
A90 T100	-30.8	2992
A80 T70	-29.9	2217
A80 T80	-30.2	2066
A80 T90	-32.2	4559
A80 T100	-32.5	2031
A70 T70	-33.1	2706
A70 T80	-32.2	2904
A70 T90	-33.7	4273
A70 T100	-35.0	5177

