



Table S1. Quali-quantitative composition of SOD microspheres.

Components Description	Weight (g)	Function
Active Ingredient(s)		
Freeze dried SOD powder	260.00	Active Ingredient
Excipients		
Stearic acid p.f. 54–56 °C	100.00	Diluent agent
Calcium chloride	10.00	Dissecant agent
melted 15 min at 60 °C		
Mannitol	100.00	Diluent
Microcrystalline cellulose pH 112	30.00	Binder
pre-compressed (I)		
Stearic acid p.f. 54–56 °C	20.00	Diluent agent
pre-compressed (II)		
Weight	520.00	
Excipients (coating)		
Arginine Shellac (SSB 57 Luna)	400.00	Coating agent (gastro-resistant)
Triethylcitrate	30.00	Platicizer
Talc	70.00	Lubrificant
Titanium dioxide	20.00	Opacizant
Total weight	1040.00	