

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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بالرسالة صفحات
لم ترد بالأصل





Faculty of pharmacy
Department of pharmaceutics and industrial pharmacy

MELT GRANULATION OF SOME ANTI-MALARIAL FORMULATIONS

*A thesis submitted in the partial fulfillment of the requirements for the Master
Degree of Pharmaceutical Sciences (Pharmaceutics)*

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Dedication

*I dedicate this thesis to my sincere wife, sons, father and to the
soul of my mother.*



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List of abbreviations

abbreviation	Term
B	Binder concentration
BCS	Biopharmaceutical Classification System
CCA	Cholangiocarcinoma
D10	The particle size below which 10% of particles exist in the cumulative under size curve
D50	The particle size below which 50% of particles exist in the cumulative under size curve
D90	The particle size below which 90% of particles exist in the cumulative under size curve
DMEM	Dulbecoo's Modified Eagle's Medium
DNA	Deoxyribonucleic Acid
DSC	Differential scanning calorimetry
FTIR	Fourier transform Infrared Radiation
HBE	Human Bronchial Epithelial
HPLC	High performance liquid chromatography
IC ₅₀	The concentration of the drug inhibiting cell viability by 50%
mM	Millimole
PEG	Polyethylene glycol
PSD	Particle Size Distribution
RH	Relative humidity
ROS	Reactive Oxygen Species
rpm	Rotation per minute
RSD	Relative Standard Deviation
S	Impeller speed
SEM	Scanning electron microscope
SRB	Sulforhodamine B dye
T	Granulation time

T10	Dissolution time point at 10 minutes
T5	Dissolution time point at 5 minutes
TCA	Trichloroacetic acid
USP	United States Pharmacopeia
XRPD	X-ray Powder diffraction

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