

**DEVELOPMENT AND ASSESSMENT OF A SMART THERMOSETTING
INTRANASAL HYDROGEL FOR LAMOTRIGINE**

*A Thesis Submitted to Rhodes University in
Fulfilment of the Requirements for the Degree of*

MASTER OF SCIENCE (PHARMACY)

By

Siyabonga Melamane

FEBRUARY 2018

Faculty of Pharmacy

Rhodes University

Grahamstown

South Africa