



DEVELOPMENT OF  $\text{BaO-B}_2\text{O}_3\text{-RHA}$  GLASS SYSTEM FOR  
GAMMA-RAY SHIELDING MATERIALS

MR. SUPARAT TUSCHAROEN

A THESIS SUBMITTED IN PARTIAL FULFILLMENT OF  
THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF  
PHILOSOPHY (PHYSICS)  
FACULTY OF SCIENCE  
KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI

2012

# Development of BaO-B<sub>2</sub>O<sub>3</sub>-RHA for Gamma-Ray Shielding Materials

Mr. Suparat Tuscharoen M.Sc. (Physics)

A Thesis Submitted in Partial Fulfillment of the Requirements for  
the Degree of Doctor of Philosophy (Physics)

Faculty of Science

King Mongkut's University of Technology Thonburi

2012

## Thesis Committee

.....Chairman of Dissertation Committee  
(Prof. Pichet Limsuwan, Ph.D.)

.....Member and Dissertation Advisor  
(Assoc. Prof. Weerapong Chewpraditkul, Ph.D.)

.....Member  
(Lect. Panita Chityuttakan, Ph.D.)

.....Member  
(Assoc. Prof. Manus Mongkolsuk, M.Sc.)

Copyright reserved