

## DAFTAR ISI

### Contents

|                                                        |             |
|--------------------------------------------------------|-------------|
| <b>HALAMAN JUDUL.....</b>                              | <b>i</b>    |
| <b>HALAMAN PENGESAHAN.....</b>                         | <b>ii</b>   |
| <b>PRAKATA.....</b>                                    | <b>iv</b>   |
| <b>DAFTAR ISI.....</b>                                 | <b>v</b>    |
| <b>DAFTAR GAMBAR.....</b>                              | <b>vii</b>  |
| <b>DAFTAR TABEL.....</b>                               | <b>viii</b> |
| <b>BAB I PENDAHULUAN.....</b>                          | <b>1</b>    |
| 1.1 Latar Belakang.....                                | 1           |
| 1.2 Rumusan Masalah.....                               | 2           |
| 1.3 Tujuan Penelitian.....                             | 3           |
| 1.4 Batasan Masalah.....                               | 3           |
| 1.5 Manfaat Penelitian.....                            | 3           |
| 1.6 Sistematika Penulisan.....                         | 3           |
| <b>BAB II TINJAUAN PUSTAKA.....</b>                    | <b>5</b>    |
| 2.1 Kanker Payudara.....                               | 5           |
| 2.1.1 Pengertian kanker payudara.....                  | 5           |
| 2.1.2 Penyebab atau faktor risiko kanker payudara..... | 5           |
| 2.1.3 Gejala Kanker Payudara.....                      | 6           |
| 2.1.4 Prosedur diagnosis.....                          | 7           |
| 2.1.5 Stadium Kanker Payudara.....                     | 9           |
| 2.2 Mineral Dalam Tubuh.....                           | 10          |
| 2.3 Sampel Biomonitor.....                             | 13          |
| <b>BAB III LANDASAN TEORI.....</b>                     | <b>15</b>   |
| 3.1 Sinar X.....                                       | 15          |
| 3.2 Mesin Pembangkit sinar X.....                      | 15          |
| 3.3 <i>X-ray Fluorescence</i> .....                    | 17          |
| 3.3.1 Analisis Kualitatif.....                         | 20          |
| 3.3.2 Analisis Kuantitatif.....                        | 21          |
| <b>BAB IV METODE PENELITIAN.....</b>                   | <b>22</b>   |
| 4.1 Tempat dan Waktu Penelitian.....                   | 22          |
| 4.2 Alat dan Bahan Penelitian.....                     | 22          |
| 4.2.1 Alat dan Bahan penelitian.....                   | 22          |
| 4.2.2 Skema Penelitian.....                            | 23          |
| 4.3 <i>Ethical Clearance</i> .....                     | 23          |

|                            |                                  |           |
|----------------------------|----------------------------------|-----------|
| 4.4                        | Prosedur Penelitian.....         | 24        |
| 4.5                        | Analisis Statistik.....          | 24        |
| 4.5.1                      | Uji t dua sampel independen..... | 24        |
| <b>DAFTAR PUSTAKA.....</b> |                                  | <b>32</b> |