

## DAFTAR ISI

<b>HALAMAN JUDUL .....</b>	<b>i</b>
<b>LEMBAR PENGESAHAN .....</b>	<b>ii</b>
<b>PERNYATAAN BEBAS PLAGIASI .....</b>	<b>iii</b>
<b>KATA PENGANTAR .....</b>	<b>iv</b>
<b>DAFTAR ISI .....</b>	<b>vi</b>
<b>DAFTAR TABEL .....</b>	<b>viii</b>
<b>DAFTAR GAMBAR .....</b>	<b>ix</b>
<b>DAFTAR LAMPIRAN .....</b>	<b>x</b>
<b>INTISARI .....</b>	<b>xi</b>
<b>ABSTRACT .....</b>	<b>xii</b>
<b>BAB I .....</b>	<b>1</b>
1.1. Latar Belakang .....	1
1.2. Rumusan Masalah .....	6
1.3. Tujuan Penelitian .....	6
1.4. Manfaat Penelitian .....	6
<b>BAB II .....</b>	<b>7</b>
2.1. Beras .....	7
2.2. Beras Hitam .....	8
2.3. Germinasi atau Perkecambahan .....	11
2.4. Diabetes Mellitus .....	14
2.5. Serat Pangan .....	17
2.6. Amilosa .....	18
2.7. Pati .....	20
2.8. Enzim $\alpha$ -Amilase .....	25
2.9. Enzim $\alpha$ -Glukosidase .....	27
2.10. Hipotesis .....	29
<b>BAB III .....</b>	<b>30</b>
3.1. Bahan .....	30

<b>3.2. Alat Penelitian .....</b>	<b>30</b>
<b>3.3. Waktu dan Tempat Penelitian .....</b>	<b>31</b>
<b>3.4. Tahapan Penelitian .....</b>	<b>31</b>
<b>3.4.1. Germinasi Beras Hitam .....</b>	<b>32</b>
<b>3.4.2. Pengeringan.....</b>	<b>33</b>
<b>3.4.3. Penepungan .....</b>	<b>34</b>
<b>3.4.4. Analisis Kadar Serat Pangan .....</b>	<b>34</b>
<b>3.4.5. Analisis Kadar Amilosa .....</b>	<b>35</b>
<b>3.4.6. Analisis Kadar Pati Total .....</b>	<b>37</b>
<b>3.4.7. Analisis Profil Pasting (<i>Pasting Properties</i>) .....</b>	<b>39</b>
<b>3.4.8. Analisis Inhibisi <math>\alpha</math>-Amilase .....</b>	<b>40</b>
<b>3.4.9. Analisis Inhibisi <math>\alpha</math>-Glukosidase .....</b>	<b>40</b>
<b>3.4.10. Taraf Perlakuan, Unit Eksperimen, dan Tabel Data Primer ...</b>	<b>41</b>
<b>3.4.11. Analisis Statistik .....</b>	<b>42</b>
<b>BAB IV .....</b>	<b>43</b>
<b>4.1. Serat Pangan.....</b>	<b>43</b>
<b>4.2. Amilosa.....</b>	<b>46</b>
<b>4.3. Pati Total .....</b>	<b>48</b>
<b>4.4. <i>Pasting Properties</i> .....</b>	<b>51</b>
<b>4.5. Inhibisi <math>\alpha</math>-Amilase .....</b>	<b>57</b>
<b>4.6. Inhibisi <math>\alpha</math>-Glukosidase .....</b>	<b>60</b>
<b>BAB V .....</b>	<b>64</b>
<b>5.1. Kesimpulan.....</b>	<b>64</b>
<b>5.2. Saran .....</b>	<b>65</b>
<b>DAFTAR PUSTAKA .....</b>	<b>66</b>
<b>LAMPIRAN .....</b>	<b>76</b>