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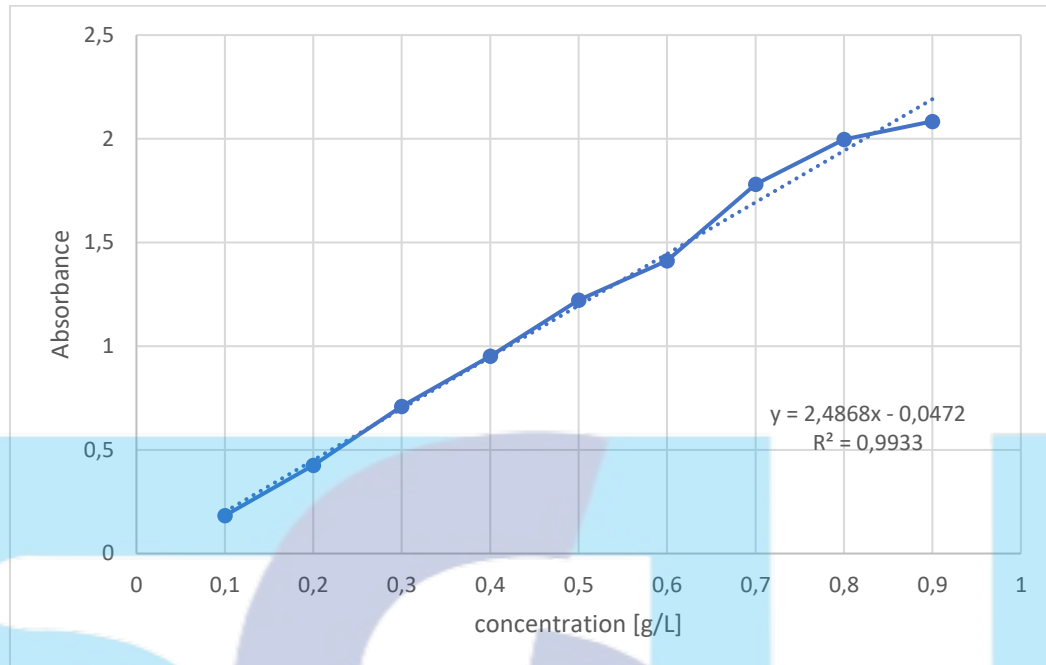
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## APPENDIX

### Appendix 1. Glucose Standard Curve at 540nm



## Appendix 2. Ethanol Content – Batch 1 (Dehydrator – 0 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**  
 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588  
 1.2. Certificate No. / No. sertifikat : SIG.LHP.V.2023.241144221
- II. Principal / Pelanggan**  
 2.1. Name / Nama : Swiss German University  
 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
 Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
 006,  
 Perunggan Timur, Kecamatan Pinang,  
 Kota Tangerang, Banten 15143  
 2.3. Phone / Telepon : +6287887507272  
 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**  
 3.1. Sample Code / Kode Sampel : 4-0  
 3.2. Batch Number / No Batch : -  
 3.3. Lot Number / No Lot : -  
 3.4. Packaging / Kemasan : -  
 3.5. Production Date / Tanggal Produksi : -  
 3.6. Expire Date / Tanggal Kadaluausa : -  
 3.7. Factory Name / Nama Pabrik : -  
 3.8. Factory Address / Alamat Pabrik : -  
 3.9. Trade Mark / Nama Dagang : -  
 3.10. Sample Name / Nama Sample : OPF Juice  
 3.11. Other Information / Keterangan Lain : -  
 3.12. Date of Sampling / Tanggal Sampling : -  
 3.13. Sampling Location / Lokasi Sampling : -  
 3.14. Method Sampling / Metode Sampling : -  
 3.15. Personnel Sampling / Personil Sampling : -  
 3.16. Environmental Conditions / Kondisi Lingkungan : -  
 3.17. Date of Acceptance / Diterima : 16 Mei 2023  
 3.18. Date of Analysis / Tanggal Uji : 16 Mei 2023 - 23 Mei 2023  
 3.19. Type of Analysis / Jenis Uji : Terlampir
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Etanol	%	3.27	3.29	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, 24 Mei 2023  
 PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
 General Laboratory Manager





### Appendix 3. Ethanol Content – Batch 1 (Dehydrator – 24 hours)

#### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588  
1.2. Certificate No. / No. sertifikat : SIG.LHP.V.2023.241144223
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University  
2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143  
2.3. Phone / Telepon : +6287887507272  
2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 4-24  
3.2. Batch Number / No Batch : -  
3.3. Lot Number / No Lot : -  
3.4. Packaging / Kemasan : -  
3.5. Production Date / Tanggal Produksi : -  
3.6. Expire Date / Tanggal Kadaluarsa : -  
3.7. Factory Name / Nama Pabrik : -  
3.8. Factory Address / Alamat Pabrik : -  
3.9. Trade Mark / Nama Dagang : -  
3.10. Sample Name / Nama Sample : OPF Juice  
3.11. Other Information / Keterangan Lain : -  
3.12. Date of Sampling / Tanggal Sampling : -  
3.13. Sampling Location / Lokasi Sampling : -  
3.14. Method Sampling / Metode Sampling : -  
3.15. Personnel Sampling / Personil Sampling : -  
3.16. Environmental Conditions / Kondisi Lingkungan : -  
3.17. Date of Acceptance / Diterima : 16 Mei 2023  
3.18. Date of Analysis / Tanggal Uji : 16 Mei 2023 - 23 Mei 2023  
3.19. Type of Analysis / Jenis Uji : Terlampir
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Etanol	%	3.24	3.25	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, 24 Mei 2023

PT. Saraswanti Indo GeneTech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



## Appendix 4. Ethanol Content – Batch 1 (Dehydrator – 48 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.V.2023.241144225
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 4-48
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluaarsa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : 16 Mei 2023
- 3.18. Date of Analysis / Tanggal Uji : 16 Mei 2023 - 23 Mei 2023
- 3.19. Type of Analysis / Jenis Uji : Terlampir
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Etanol	%	1.64	1.64	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, 24 Mei 2023

PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



## Appendix 5. Ethanol Content – Batch 1 (Dehydrator – 72 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588  
1.2. Certificate No. / No. sertifikat : SIG.LHP.V.2023.241144227
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University  
2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143  
2.3. Phone / Telepon : +6287887507272  
2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 4-72  
3.2. Batch Number / No Batch : -  
3.3. Lot Number / No Lot : -  
3.4. Packaging / Kemasan : -  
3.5. Production Date / Tanggal Produksi : -  
3.6. Expire Date / Tanggal Kadaluarsa : -  
3.7. Factory Name / Nama Pabrik : -  
3.8. Factory Address / Alamat Pabrik : -  
3.9. Trade Mark / Nama Dagang : -  
3.10. Sample Name / Nama Sample : OPF Juice  
3.11. Other Information / Keterangan Lain : -  
3.12. Date of Sampling / Tanggal Sampling : -  
3.13. Sampling Location / Lokasi Sampling : -  
3.14. Method Sampling / Metode Sampling : -  
3.15. Personnel Sampling / Personil Sampling : -  
3.16. Environmental Conditions / Kondisi Lingkungan : -  
3.17. Date of Acceptance / Diterima : 16 Mei 2023  
3.18. Date of Analysis / Tanggal Uji : 16 Mei 2023 - 23 Mei 2023  
3.19. Type of Analysis / Jenis Uji : Terlampir
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Etanol	%	1.60	1.60	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, 24 Mei 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



## Appendix 6. Ethanol Content – Batch 2 (Dehydrator – 0 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544071
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 0-4
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluaarsa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : May 30, 2023
- 3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023
- 3.19. Type of Analysis / Jenis Uji : Enclosed
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	3.36	3.44	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



## Appendix 7. Ethanol Content – Batch 2 (Dehydrator – 24 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544072
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 24-4
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluausa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : May 30, 2023
- 3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023
- 3.19. Type of Analysis / Jenis Uji : Enclosed

#### IV. Result / Hasil Uji

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	0.23	0.23	-	18-6-4/MU/SMM-SIG (GC-FID Head space)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



## Appendix 8. Ethanol Content – Batch 2 (Dehydrator – 48 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688  
1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544073
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University  
2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143  
2.3. Phone / Telepon : +6287887507272  
2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 48-4  
3.2. Batch Number / No Batch : -  
3.3. Lot Number / No Lot : -  
3.4. Packaging / Kemasan : -  
3.5. Production Date / Tanggal Produksi : -  
3.6. Expire Date / Tanggal Kadaluarasa : -  
3.7. Factory Name / Nama Pabrik : -  
3.8. Factory Address / Alamat Pabrik : -  
3.9. Trade Mark / Nama Dagang : -  
3.10. Sample Name / Nama Sample : OPF Juice  
3.11. Other Information / Keterangan Lain : -  
3.12. Date of Sampling / Tanggal Sampling : -  
3.13. Sampling Location / Lokasi Sampling : -  
3.14. Method Sampling / Metode Sampling : -  
3.15. Personnel Sampling / Personil Sampling : -  
3.16. Environmental Conditions / Kondisi Lingkungan : -  
3.17. Date of Acceptance / Diterima : May 30, 2023  
3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023  
3.19. Type of Analysis / Jenis Uji : Enclosed

#### IV. Result / Hasil Uji

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	0.35	0.36	-	18-6-4/MU/SMM-SIG (GC-FID Head space)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## Appendix 9. Ethanol Content – Batch 2 (Dehydrator – 72 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544074
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 72-4
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluarsa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : May 30, 2023
- 3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023
- 3.19. Type of Analysis / Jenis Uji : Enclosed
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	0.46	0.46	-	18-6-4/MU/SMM-SIG (GC-FID Head space)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## Appendix 10. Ethanol Content – Batch 1 (Rotary Evaporator – 0 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.V.2023.241144222
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggang Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 6-0
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluausa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : 16 Mei 2023
- 3.18. Date of Analysis / Tanggal Uji : 16 Mei 2023 - 23 Mei 2023
- 3.19. Type of Analysis / Jenis Uji : Terlampir

#### IV. Result / Hasil Uji

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Etanol	%	2.59	2.59	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, 24 Mei 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf



## Appendix 11. Ethanol Content – Batch 1 (Rotary Evaporator – 24 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.V.2023.241144224
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 6-24
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluausa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : May 16, 2023
- 3.18. Date of Analysis / Tanggal Uji : May 16, 2023 - May 23, 2023
- 3.19. Type of Analysis / Jenis Uji : Enclosed

**IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	2.37	2.37	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, May 24, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## Appendix 12. Ethanol Content – Batch 1 (Rotary Evaporator – 48 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588
- 1.2. Certificate No. / No. sertifikat : SIG.LHPV.2023.241144226
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 6-48
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluaarsa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : 16 Mei 2023
- 3.18. Date of Analysis / Tanggal Uji : 16 Mei 2023 - 23 Mei 2023
- 3.19. Type of Analysis / Jenis Uji : Terlampir
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Etanol	%	2.12	2.12	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, 24 Mei 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

### Appendix 13. Ethanol Content – Batch 1 (Rotary Evaporator – 72 hours)

#### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000588
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.V.2023.241144228
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 6-72
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluaarsa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : 16 Mei 2023
- 3.18. Date of Analysis / Tanggal Uji : 16 Mei 2023 - 23 Mei 2023
- 3.19. Type of Analysis / Jenis Uji : Terlampir
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Etanol	%	2.07	2.07	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, 24 Mei 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## Appendix 14. Ethanol Content – Batch 2 (Rotary Evaporator – 0 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544075
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 0-6
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluaarsa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : May 30, 2023
- 3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023
- 3.19. Type of Analysis / Jenis Uji : Enclosed
- IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	3.35	3.38	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## Appendix 15. Ethanol Content – Batch 2 (Rotary Evaporator – 24 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688  
1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544076
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University  
2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143  
2.3. Phone / Telepon : +6287887507272  
2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 24-6  
3.2. Batch Number / No Batch : -  
3.3. Lot Number / No Lot : -  
3.4. Packaging / Kemasan : -  
3.5. Production Date / Tanggal Produksi : -  
3.6. Expire Date / Tanggal Kadaluaarsa : -  
3.7. Factory Name / Nama Pabrik : -  
3.8. Factory Address / Alamat Pabrik : -  
3.9. Trade Mark / Nama Dagang : -  
3.10. Sample Name / Nama Sample : OPF Juice  
3.11. Other Information / Keterangan Lain : -  
3.12. Date of Sampling / Tanggal Sampling : -  
3.13. Sampling Location / Lokasi Sampling : -  
3.14. Method Sampling / Metode Sampling : -  
3.15. Personnel Sampling / Personil Sampling : -  
3.16. Environmental Conditions / Kondisi Lingkungan : -  
3.17. Date of Acceptance / Diterima : May 30, 2023  
3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023  
3.19. Type of Analysis / Jenis Uji : Enclosed

**IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	3.12	3.05	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## Appendix 16. Ethanol Content – Batch 2 (Rotary Evaporator – 48 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688  
1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544077
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University  
2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143  
2.3. Phone / Telepon : +6287887507272  
2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 48-6  
3.2. Batch Number / No Batch : -  
3.3. Lot Number / No Lot : -  
3.4. Packaging / Kemasan : -  
3.5. Production Date / Tanggal Produksi : -  
3.6. Expire Date / Tanggal Kadaluarsa : -  
3.7. Factory Name / Nama Pabrik : -  
3.8. Factory Address / Alamat Pabrik : -  
3.9. Trade Mark / Nama Dagang : -  
3.10. Sample Name / Nama Sample : OPF Juice  
3.11. Other Information / Keterangan Lain : -  
3.12. Date of Sampling / Tanggal Sampling : -  
3.13. Sampling Location / Lokasi Sampling : -  
3.14. Method Sampling / Metode Sampling : -  
3.15. Personnel Sampling / Personil Sampling : -  
3.16. Environmental Conditions / Kondisi Lingkungan : -  
3.17. Date of Acceptance / Diterima : May 30, 2023  
3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023  
3.19. Type of Analysis / Jenis Uji : Enclosed

**IV. Result / Hasil Uji**

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	2.07	2.08	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## Appendix 17. Ethanol Content – Batch 2 (Rotary Evaporator – 72 hours)

### RESULT OF ANALYSIS / LAPORAN HASIL UJI

- I. Number / Nomor**
- 1.1. Order No. / No. Order : SIG.MARK.R.V.2023.000688
- 1.2. Certificate No. / No. sertifikat : SIG.LHP.VI.2023.081544078
- II. Principal / Pelanggan**
- 2.1. Name / Nama : Swiss German University
- 2.2. Address / Alamat : The Prominence Tower Alam Sutera,  
Jl. Jalur Sutera Barat Kav 15, RT. 003/RW.  
006,  
Penunggangan Timur, Kecamatan Pinang,  
Kota Tangerang, Banten 15143
- 2.3. Phone / Telepon : +6287887507272
- 2.4. Contact Person / Personil Penghubung : Kezia Valentina Yusuf
- III. Sample / Contoh Uji**
- 3.1. Sample Code / Kode Sampel : 72-6
- 3.2. Batch Number / No Batch : -
- 3.3. Lot Number / No Lot : -
- 3.4. Packaging / Kemasan : -
- 3.5. Production Date / Tanggal Produksi : -
- 3.6. Expire Date / Tanggal Kadaluaarsa : -
- 3.7. Factory Name / Nama Pabrik : -
- 3.8. Factory Address / Alamat Pabrik : -
- 3.9. Trade Mark / Nama Dagang : -
- 3.10. Sample Name / Nama Sample : OPF Juice
- 3.11. Other Information / Keterangan Lain : -
- 3.12. Date of Sampling / Tanggal Sampling : -
- 3.13. Sampling Location / Lokasi Sampling : -
- 3.14. Method Sampling / Metode Sampling : -
- 3.15. Personnel Sampling / Personil Sampling : -
- 3.16. Environmental Conditions / Kondisi Lingkungan : -
- 3.17. Date of Acceptance / Diterima : May 30, 2023
- 3.18. Date of Analysis / Tanggal Uji : May 30, 2023 - June 08, 2023
- 3.19. Type of Analysis / Jenis Uji : Enclosed

#### IV. Result / Hasil Uji

No	Parameter	Unit	Simplo	Duplo	Limit Of Detection	Method
1	Ethanol Content	%	1.89	1.90	-	18-10-6/MU/SMM-SIG (GC-FID)

Bogor, June 08, 2023  
PT. Saraswanti Indo Genetech



Dwi Yulianto Laksono, S.Si  
General Laboratory Manager



Kezia Valentina Yusuf

## CURRICULUM VITAE



# KEZIA VALENTINA YUSUF

Taman Modern B2 no. 23, Cakung, Jakarta Timur  
+62 878 8750 7272 • keziavalentina02@gmail.com

### EDUCATIONAL BACKGROUND

- |             |   |
|-------------|---|
| 2019 - 2023 | • <b>Swiss German University, Indonesia</b><br>Sustainable Energy & Environment                                     |
| 2021 - 2022 | • <b>Ernst Abbe Hochschule, Germany (double degree)</b><br>Exchange student in Umwelttechnik & Entwicklung for WiSe |
| 2016 - 2019 | • <b>SMAK Penabur Harapan Indah</b>   |
| 2013 - 2016 | • <b>SMPK Tunas Bangsa Grand Cakung</b><br>Best graduate  |

### INTERNSHIPS

- |                     |   |
|---------------------|---|
| July - August 2021  | <b>Student Intern - PT. Sinar Mas Argo Resources and Technology, Indonesia</b><br>Biodiesel division, study on biodiesel production   |
| March - August 2022 | <b>R&amp;D Intern - Robert Boyle Institut, Germany</b><br>Biogas division <ul style="list-style-type: none"><li>• Approach &amp; Monitoring for fermentation tests</li><li>• Quantitative &amp; qualitative gas &amp; liquid analysis</li><li>• Creation of reports &amp; research work on scientific questions</li><li>• Support for ongoing research projects</li></ul> |

### EXPERIENCES

- |                  |   |
|------------------|---|
| April - May 2021 | <b>Head of PR of Virtual Innovative Chemistry Event (VICE) 2021</b>   |
| 2019 - 2021      | <b>Secretary of BEM PR SGU</b><br>BEM Honorary Award  |
| 2019 - 2023      | <b>SGU Student Ambassador</b>   |
| 2020-2021        | <b>Head of Event division of Association of Chemical Engineering Student in SGU</b>   |
| 2018             | <b>Head of "Democracy, Human Rights, Political Education, Living Environment, Awareness, and Social Tolerance in the Context of Plural Society" in OSIS SMAK Penabur HI</b> |
| June 2018        | <b>Chief Executive of Orientation Week in SMAK Penabur HI</b>   |
| 2018             | <b>Head of Event division of "Excelsior" in SMAK Penabur HI</b>   |

### SKILLS & QUALIFICATIONS

#### LANGUAGES

Bahasa Indonesia	
English	
German (A2)	
French	

#### ADDITIONAL SKILLS

Microsoft Office	
Google Suites	
Canva	