

No : SIG.CL.VIII.2021.033832  
Lamp : 1 Halaman  
Perihal : Laporan Hasil Uji Laboratorium

Bogor, 23 Agustus 2021

Kepada Yth.  
PT. Berkat Cahaya Novena  
Jalan Teratai Kp Cikoleang RT 001 RW 002 Pabuaran, Gunung Sindur, Bogor

Dengan hormat,  
Berdasarkan surat order marketing nomor : SIG.Mark.R.VIII.2021.020873, maka bersama ini kami sampaikan hasil uji analisis laboratorium.

Demikian surat ini kami sampaikan semoga dapat dipergunakan sebagaimana mestinya.  
Atas kerjasamanya yang baik kami mengucapkan terima kasih.

Hormat kami,  
PT. Saraswanti Indo Genetech



**RB Ernesto Arya**  
GM  
Sales & Marketing

## RESULT OF ANALYSIS

### Laporan Hasil Pengujian : SIG.LHP.VIII.2021.101175

#### I. Number / Nomor

1.1. Order No. / No. Order : SIG.Mark.R.VIII.2021.020873

#### II. Principal / Pelanggan

2.1. Name / Nama : PT. Berkas Cahaya Novena  
 2.2. Address / Alamat : Jalan Teratai Kp Cikoleang RT 001 RW 002 Pabuaran,  
 Gunung Sindur, Bogor  
 2.3. Phone / Telepon : 021 75671514  
 2.4. Contact Person / Personil Penghubung : Muhammad Lutfi Abdullah

#### III. Sample / Contoh Uji

3.1. Sample Code / Kode Sampel : -  
 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 : Air Produksi  
 3.11. Other Information / Keterangan Lain : Standard PERMENKES 492/2010  
 3.12. Date of Sampling / Tanggal Sampling : -  
 3.13. Date of Received / Diterima : August 10, 2021  
 3.14. Date of Analysis / Tanggal Uji : August 11, 2021 - August 20, 2021  
 3.15 Type of Analysis / Jenis Uji : Terlampir

#### IV. Result / Hasil Uji

## RESULT OF ANALYSIS

### Laporan Hasil Pengujian : SIG.LHP.VIII.2021.101175

No.	Parameter	Unit	Result	Standard	Limit Of Detection	Method
1	Selenium	mg / L	Not detected	Max. 0.01	0.0003	18-10-11/MU/SMM-SIG (ICP OES)
2	Tembaga	mg / L	Not detected	Max. 2	0.00005	18-10-11/MU/SMM-SIG (ICP OES)
3	Seng	mg / L	Not detected	Max. 3	0.001	18-10-11/MU/SMM-SIG (ICP OES)
4	Cd	mg / L	Not detected	Max. 0.003	0.0005	18-13-14/MU/SMM-SIG (ICP MS)
5	Mangan	mg / L	0.41	Max. 0.4	-	18-10-11/MU/SMM-SIG (ICP OES)
6	Aluminium	mg / L	Not detected	Max. 0.2	0.002	18-10-11/MU/SMM-SIG (ICP OES)
7	Kromium	mg / L	Not detected	Max. 0.05	0.001	18-10-11/MU/SMM-SIG (ICP OES)
8	As	mg / L	Not detected	Max. 0.01	0.00035	18-13-14/MU/SMM-SIG (ICP MS)
9	Besi	mg / L	Not detected	Max. 0.3	0.001	18-10-11/MU/SMM-SIG (ICP OES)
10	Coliform	colony / 100 mL	$1.4 \times 10^1$	0	-	ISO 9308- 1:2014

## RESULT OF ANALYSIS

### Laporan Hasil Pengujian : SIG.LHP.VIII.2021.101175

No.	Parameter	Unit	Result	Standard	Limit Of Detection	Method
11	Escherichia coli	colony / 100 mL	$1.0 \times 10^0$	0	-	ISO 9308- 1:2014
12	Total padatan terlarut	mg / L	128	Max. 500	-	18-11-87/MU/SMM-SIG (TDS meter)
13	Rasa	-	Tidak berasa	Tasteless (Tidak berasa)	-	SNI 3554:2015 point 3.2.1
14	Kesadahan sebagai $\text{CaCO}_3$	mg / L	95.04	Max. 500	-	18-11-15/MU/SMM-SIG (Titrimetry)
15	Kekeruhan	NTU	0.70	Max. 5	-	SNI 3554:2015 point 3.4
16	Bau	-	Tidak berbau	Odorless (Tidak berbau)	-	SNI 3554:2015 point 3.2.1
17	pH	-	7.53	6.5 - 8.5	-	SNI 3554:2015 point 3.3
18	Cl (Klorida)	mg / L	19.03	Max. 250	-	SNI 3554 : 2015 point 3.12
19	Suhu	° C	24.6	Air Temperature(suhu udara) $\pm 3$ °C	-	SNI 06-6989.23-2005
20	Amonium	mg / L	Not detected	Max. 1.5	0.0079	18-9-26/MU/SMM-SIG (spektrofotometry)

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### Laporan Hasil Pengujian : SIG.LHP.VIII.2021.101175

No.	Parameter	Unit	Result	Standard	Limit Of Detection	Method
21	Nitrat	mg / L	38.09	Max. 50	-	SNI 3554:2015 point 3.8
22	F	mg / L	Not detected	Max. 1.5	0.03	18-9-23/MU/SMM-SIG (spektrofotometry)
23	Warna	Unit Pt-Co	Not detected	Max.15	0.025	SNI 3554:2015 point 3.2.3.2
24	CN	mg / L	Not detected	Max. 0.07	0.0002	18-9-24/MU/SMM-SIG (spektrofotometry)
25	Sulfat	mg / L	Not detected	Max. 250	2.8	SNI 3554:2015 point 3.11
26	Nitrit	mg / L	0.02	Max. 3	-	SNI 3554:2015 point 3.9

Bogor, 23 Agustus 2021  
PT. Saraswanti Indo Genetech



**Dwi Yulianto Laksono, S.Si**  
General Laboratory Manager