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## PEAK RESULTS

### Customer Details

Company **Procare Nutraceuticals BV**  
 Contact **Martyna Kriukovska**  
 Address **Noorddijk 3**  
 Zip & City **2391 CE, HAZERSWOUDE DORP**  
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### Sample details

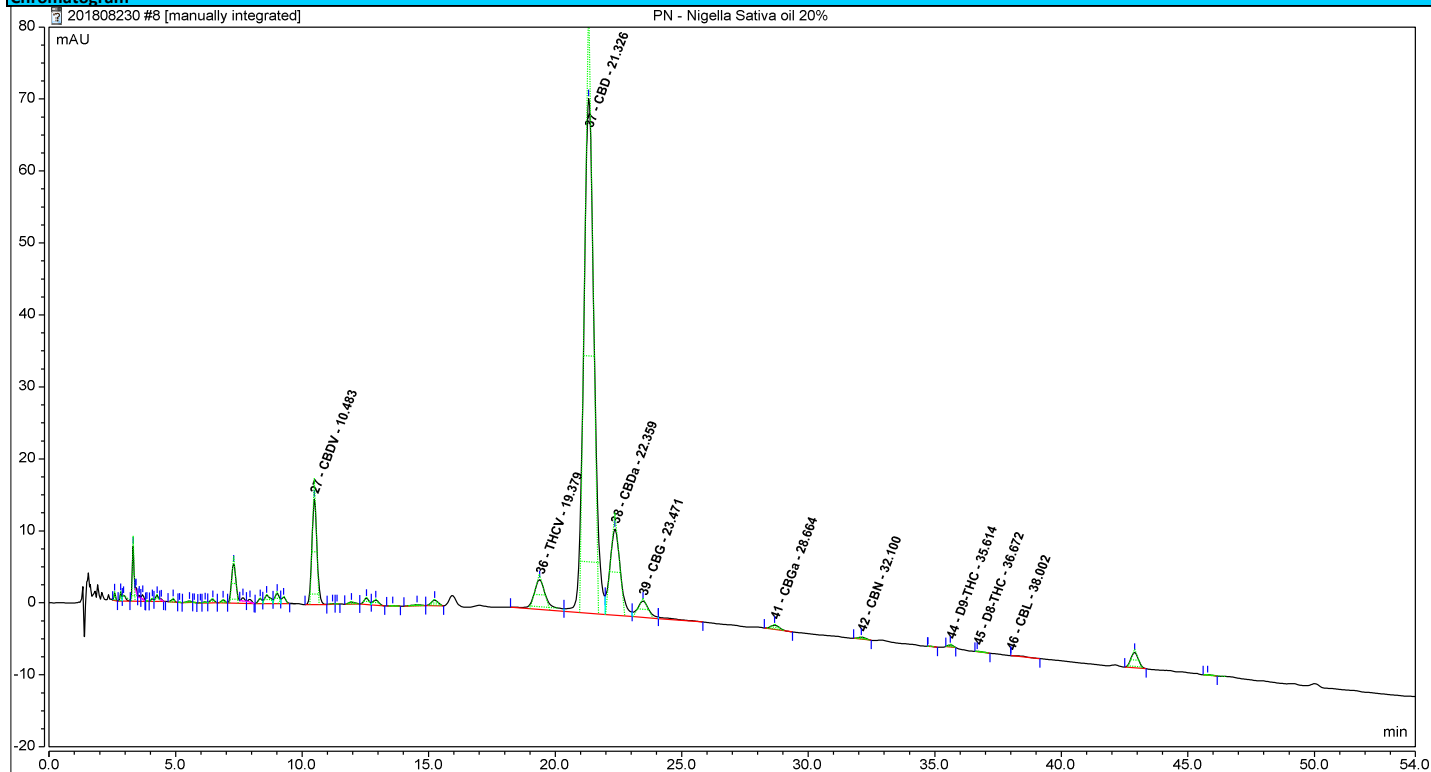
NAR Barcode **20180830 - 05**  
 Sample name **PN - Nigella Sativa oil 20%**  
 Type of sample **Oil**  
 Customer Batch Number **20180830 - 05 / 0051**  
 Customer internal code  
 Sample taken by **New Agro Research**  
 representative for whole batch **Yes**  
 comment

### Injection Details

Instrument **Agilent1100**  
 Method **201808 IM 420**  
 Sequence Name **201808230**  
 Injection Name: **PN - Nigella Sativa oil 20%**  
 Injection Number: **8**  
 Vial Number: **Vial:5**

Sample Weight in Mg **87.6000**  
 Dilution Factor: **20.0000**  
 Injection Volume: **10.00**  
 Injection Date/Time: **31-aug-18 18:30**  
 Run Time (min): **53.99**

### Chromatogram



| Identified Cannabinoids: |           |           |                |        |        |        |
|--------------------------|-----------|-----------|----------------|--------|--------|--------|
| No.                      | Full Name | Peak Name | Retention Time | Amount | Amount | Amount |
|                          |           |           | min            | %      | mg/G   | ppm    |
| 27                       | n.a.      | CBDV      | 10.48          | 1.84   | 18.4   | 18431  |
| 36                       | n.a.      | THCV      | 19.38          | 1.26   | 12.6   | 12648  |
| 37                       | n.a.      | CBD       | 21.33          | 18.40  | 184.0  | 184043 |
| 38                       | n.a.      | CBDa      | 22.36          | 1.69   | 16.9   | 16932  |
| 39                       | n.a.      | CBG       | 23.47          | 0.65   | 6.5    | 6515   |
| 41                       | n.a.      | CBGa      | 28.66          | 0.08   | 0.8    | 781    |
| 42                       | n.a.      | CBN       | 32.10          | 0.03   | 0.3    | 274    |
| 44                       | n.a.      | D9-THC    | 35.61          | 0.04   | 0.4    | 358    |
| 45                       | n.a.      | D8-THC    | 36.67          | 0.01   | 0.1    | 106    |
| 46                       | n.a.      | CBL       | 38.00          | 0.01   | 0.1    | 76     |

|                    |                |
|--------------------|----------------|
| <b>Total CBD's</b> | <b>19.89 %</b> |
| <b>Total THC's</b> | <b>0.05 %</b>  |

|              |                  |          |            |
|--------------|------------------|----------|------------|
| <b>Ratio</b> | <b>THC : CBD</b> | <b>1</b> | <b>428</b> |
|--------------|------------------|----------|------------|

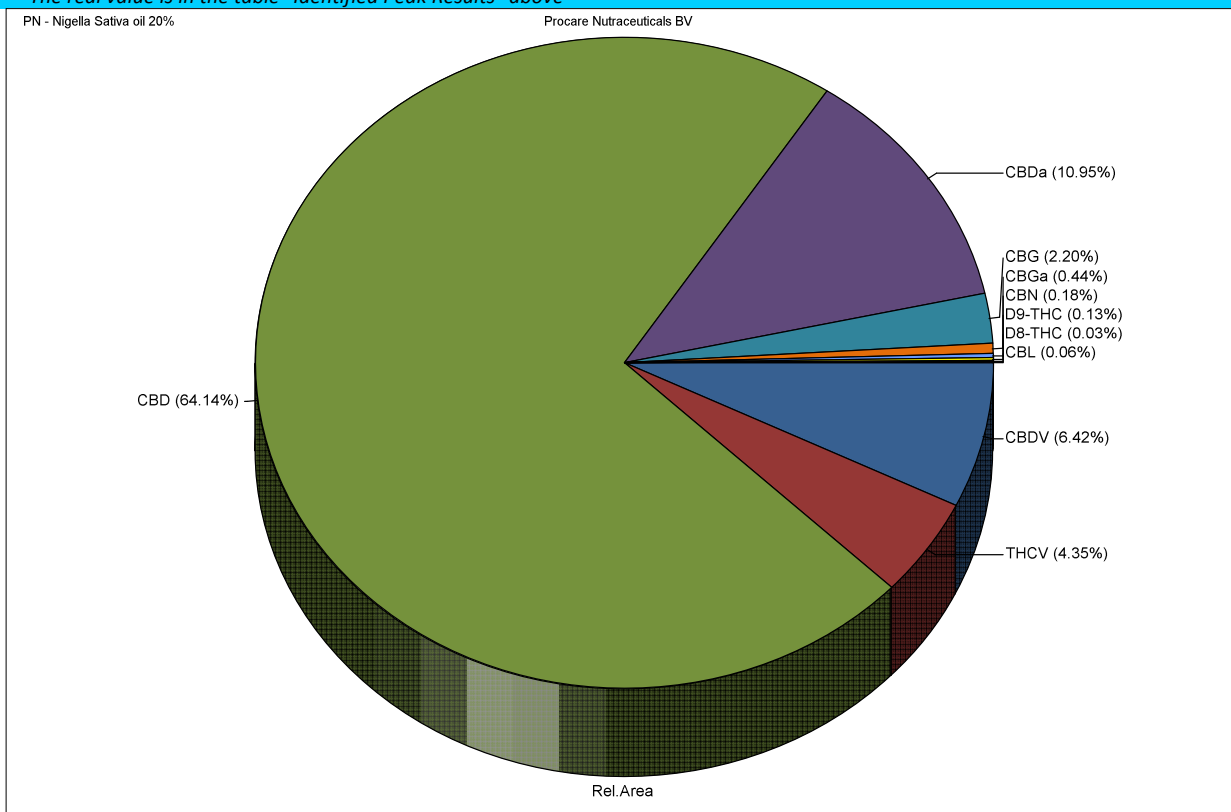
**Following cannabinoids are not present in sample:**

*CBC Should have appeared at 44.445*  
*THCa Should have appeared at 46.880*

Acidic cannabinoids do not decarboxylate in to neutrals completely and will not have the same effect as their neutral forms, CBD and THC. That is why we use a correction factor of 0.877 for the total percentages above in the blue bar. If you add the percentages of CBD and CBDA in table 1, this will be higher than the total percentages.

**Total of detected Cannabinoids**

Relative percentage of the components over the total of the detected cannabinoids. (these are higher than the percentages in the analyzed sample, because all other substances like plant material, proteins, fats etc)  
 The real value is in the table "Identified Peak Results" above



**Disclaimer:**

- The results in this report are for educational and scientific purposes only.
- The results are only indicative. No rights can therefore be derived from it and may never be used for medical, therapeutic and / or commercial purposes.
- The executive laboratory and its personnel accept no liability whatsoever for errors in the reporting, nor for material and/or immaterial damage resulting from the services it provides.

