

Nature's Gift[®]

Balancing Body, Mind and Spirit
with Pure Essential Oils Since 1995

316 Old Hickory Blvd East, Madison, TN 37115
Tel (615)612-4270 fax (615)860-9171
sold@naturesgift.com

www.naturesgift.com

Certificate of Analysis

Celery Seed CO₂ Total

Batch #DE-59331

production: April 2023 retest: April 2028
raw material: *Apium graveolens* - Seeds, dried
country of origin of raw material: India
country of origin of product: Germany
D/E - ratio: 6,7 - 10,0 kg raw material yield 1 kg product.

Product contains: no carriers and excipients

Sensory Check

| feature | reference | result |
|-------------|------------------------|--------|
| Appearance: | Yellow-green clear oil | meets |
| Odour: | typical celery smell | meets |

Analytical Check

| feature | method | limits | value | unit |
|---|---|-------------------|--------------|--------------------|
| Content of essential oil | 21.006.01, Distillation, gravimetric | 20 - 30 | 26,1 | % (g/ 100g) |
| Relative composition of the volatile compounds in extract: | GCMS, 100 % Method | | | |
| beta Pinene | GCMS, 21.260.01 | n.s. | 0,17 | % |
| beta Myrcene | GCMS, 21.260.01 | n.s. | 0,43 | % |
| Limonene | GCMS, 21.260.01 | n.s. | 37,6 | % |
| 6-Butyl-1,4-cycloheptadiene | GCMS, 21.260.01 | n.s. | 1,0 | % |
| beta Caryophyllene | GCMS, 21.260.01 | n.s. | 0,23 | % |
| beta Selinene | GCMS, 21.260.01 | n.s. | 6,0 | % |
| Butyl Phthalide | GCMS, 21.260.01 | n.s. | 5,4 | % |
| Sedanolid | GCMS, 21.260.01 | n.s. | 44,3 | % |
| Refractive index (20°C) | 21.271.01, Digital Refractometer | 1,480 - 1,490 | 1,4808 | |
| Density (20°C) | 21.024.03, Pycnometer | 0,930 - 0,950 | 0,9418 | g/ cm ³ |
| PCR analysis | external analysis | negative | meets | |
| Aflatoxin B1 | 21.193.03, HPLC | EC No. 1881/2006 | n.d. (<0,01) | ppb |
| Total Aflatoxines B1,B2,G1,G2 | 21.193.03, HPLC | EC No. 1881/2006 | n.d. (<0,01) | ppb |
| Ochratoxin A | 21.197.02, HPLC | EC Nno. 1881/2006 | meets | ppb |

n.s. = not specified n.d. = not detected

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The product meets the current version of the analytical (106.002_05_AS) and of the general (106.002_04_S) specification.

date of analysis: 2023.04.20

This computerized CoA has digital signature validated by Nature's Gift.

 Digitally signed by Anja Cavellus
Reason: Quality Control
Date: 2023.04.20 16:56:52+0200

The data in this report of analysis have been determined carefully and to the best of our knowledge. Depending on transport and storage conditions the indicated data can be subject to certain changes which are outside of our influence. Hence the report has not the meaning of a guaranty in the legal sense and does not dispense the customer from making his own quality control before using the product. For further product-relevant substances, see IFRA list and cosmetic allergen list.