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| ***2F 513 Dongsuwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea 16531***  ***Tel : +82-31-546-7896, E-mail :*** [***allwholeone@naver.com***](mailto:allwholeone@naver.com) |

**Certificate of Analysis**

**Date of Emission :** Dec. 10. 2019

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| --- | --- | --- | --- | --- | --- |
| **Name of Product** | Eem’s Zest Oil | | | | |
| **Lot No.** | CB20191210-002 | **Released Amount** | 5,000EA | **Date of**  **Test** | Dec.10.2019 |
| **Date of Production** | Dec.10.2019 | **Unit of**  **Packaging** | 10ml | **Method of**  **Sampling** | Random |
| **EXP. Date** | Dec.10.2022 |

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| --- | --- | --- | --- |
| **Test Item**  **(Physical analysis)** | **Specification** | **Result** | **Remark** |
| **Appearance** | Liquid | Liquid | Pass |
| **Color** | Colorless or pale yellow | Pale yellow | Pass |
| **Odor** | Unique incense | Unique incense | Pass |
| **pH Value (@20ºC)** | 4~7 | 5 | Pass |
| **Specific Gravity (@20ºC)** | 0.8 ~ 1.0 | 0.970 | Pass |
| **Refractive Index (@20ºC)** | 1.4 ~ 1.5 | 1.41 | Pass |
| **Acid Value** | ≤ 1.0 | 0.95 | Pass |
| **Formaldehyde(mg/kg)** | 25 or less | Not detected | Pass |
| **Methanol(mg/kg)** | 2,000 or less | Not detected | Pass |
| **Benzene(mg/kg)** | 600 or less | Not detected | Pass |
| **Glyoxal(mg/kg)** | 70 or less | Not detected | Pass |
| **Trichloroethylene(mg/kg)** | 4 or less | Not detected | Pass |
| **Heavy metal** | | | |
| * **Arsenic** | ≤ 10 ㎍/g | 0 ㎍/g | Pass |
| * **Lead** | ≤ 10 ㎍/g | 0 ㎍/g | Pass |
| * **Mercury** | ≤ 1 ㎍/g | 0 ㎍/g | Pass |

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***Signed by***  *.*

***Quality Control, Cell&Bio Inc.***