# eurofins | **Eurofins Central Analytical Laboratories**

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Freedom Farms LLC

**Client Code:** QA0007446

John Richardson
11216 Pendleton St
Sun Valley, CA 91352

## ANALYTICAL REPORT

AR-20-QA-078184-02
Report Supersedes AR-20-QA-078184-01

**Received On:** 17Sep2020
**Reported On:** 29Sep2020

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| **Eurofins Sample Code:** | 468-2020-09170153 | **Sample Registration Date:** 17Sep2020 |
|---|---|---|
| **Client Sample Code:** | Saample 12 | **Condition Upon Receipt:** acceptable, 25°C |
| **Sample Description:** | EVOO | **Sample Reference:** |

| **QA282 - Free Fatty Acid, as Oleic** | **Reference** AOCS Ca 5a-40 | **Accreditation** A2LA ISO/IEC 17025:2005 2993-01 | **Completed** 22Sep2020 |
|---|---|---|---|

| **Parameter** | **Result** |
|---|---|
| Free fatty acids as oleic acid | 0.11 % |

| **QA25Q - Polyphenol Profile (Olive Oils, LC-MSMS)** | **Reference** Internal LC-MS/MS | | **Completed** 29Sep2020 |
|---|---|---|---|

| **Parameter** | **Result** |
|---|---|
| Apigenin | 11.3 mg/kg |
| Caffeic acid | <1.0 mg/kg |
| Ferulic acid | <1.0 mg/kg |
| Hydroxytyrosol | 16.6 mg/kg |
| Luteolin | 14.0 mg/kg |
| Oleacein | 273.9 mg/kg |
| Oleocanthal | 131.1 mg/kg |
| Oleuropein | <1.0 mg/kg |
| p-Coumaric acid | <1.0 mg/kg |
| Quercetine | 1.0 mg/kg |
| Tyrosol | 19.4 mg/kg |
| Vanillic acid | <1.0 mg/kg |

**Comments:**
Rev.01: Report format updated per client request.

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9/29/20   1:25 pm

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Respectfully Submitted,

*Victoria Siegel*

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Analytical Service Manager

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