

Magis Lab SRL  
 Via delle Maioliche, 57D  
 Rovereto, Trento, 38068

Certificate ID # : 1096661-3  
 Report Date: 02-06-2023  
 Customer PO # : ORD\_S55.2022  
 Receipt Date: 01-09-2023  
 Sample Completion Date: 02-06-2023

### Analytical Testing Results

Lab Sample ID: S-20230109-1862  
 Customer Lot # B21306

Serving Size: 1 mL  
 Calculated Serving Size:

Description: Garlive Oral Spray

| Test Method Description                                   | Analyte                      | Specification | Result   | U/M   | Completion Date |
|---|------------------------------|---------------|----------|-------|-----------------|
| AOAC 2014.05/GL-451 Rapid Yeasts and Molds*               | Yeasts and Molds             | <100          | <10      | CFU/g | 01-12-23        |
| AOAC 991.14/GL-420 Coliforms*                             | Coliforms                    | Report        | <10      | CFU/g | 01-11-23        |
| GL-500 Determination of Arsenic by ICP*                   | Arsenic (As)                 | Report        | 0.0185   | ppm   | 01-11-23        |
| GL-500 Determination of Cadmium by ICP*                   | Cadmium (Cd)                 | <1            | <0.00481 | ppm   | 01-11-23        |
| GL-500 Determination of Lead by ICP*                      | Lead (Pb)                    | <3            | <0.00241 | ppm   | 01-11-23        |
| GL-585 Direct Mercury Analysis*                           | Mercury (Hg) Result          | <0.1          | <0.00100 | ppm   | 01-12-23        |
| GL-800 Determination of Mycotoxins Aflatoxin by LC-MS/MS* | Aflatoxin B1                 | Report        | <1.00    | ppb   | 01-16-23        |
| GL-800 Determination of Mycotoxins Aflatoxin by LC-MS/MS* | Aflatoxins                   | <20           | <4.00    | ppb   | 01-16-23        |
| GL-901 Pesticides   | Alachlor                     | < 0.05        | < 0.05   | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Aldrin and dieldrin (sum of) | < 0.05        | < 0.05   | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Azinphos-ethyl               | < 0.1         | < 0.1    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Azinphos-methyl              | < 1           | < 1      | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Bromophos-ethyl              | < 0.05        | < 0.05   | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Bromophos-methyl             | < 0.05        | < 0.05   | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Bromopropylate               | < 3           | < 3      | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Chlordane (sum of)           | < 0.05        | < 0.05   | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Chlorfenvinphos              | < 0.5         | < 0.5    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Chlorpyrifos-ethyl           | < 0.2         | < 0.2    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Chlorpyrifos-methyl          | < 0.1         | < 0.1    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Chlorthal-dimethyl           | < 0.01        | < 0.01   | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Cyfluthrin (sum of)          | < 0.1         | < 0.1    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Lambda-Cyhalothrin           | < 1           | < 1      | mg/kg | 01-17-23        |
| GL-901 Pesticides   | DDT (sum of)                 | < 1           | < 1      | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Deltamethrin                 | < 0.5         | < 0.5    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Diazinon                     | < 0.5         | < 0.5    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Dichlofluanid                | < 0.1         | < 0.1    | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Dichlorvos                   | < 1           | < 1      | mg/kg | 01-17-23        |
| GL-901 Pesticides   | Dicofol                      | < 0.5         | < 0.5    | mg/kg | 01-17-23        |

| Test Method Description | Analyte                                  | Specification | Result  | U/M     | Completion Date |
|-------------------------|--|---------------|---------|---------|-----------------|
| GL-901 Pesticides       | Endosulfan (sum of)                      | < 3           | < 3     | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Endrin                                   | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Ethion                                   | < 2           | < 2     | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Etrimphos                                | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Fenchlorophos (sum of)                   | < 0.1         | < 0.1   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Fenitrothion                             | < 0.5         | < 0.5   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Fenpropathrin                            | < 0.03        | < 0.03  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Fenvalerate                              | < 1.5         | < 1.5   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Flucythrinate                            | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Tau-Fluvalinate                          | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Fonophos                                 | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Heptachlor (sum of)                      | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Hexachlorbenzene                         | < 0.1         | < 0.1   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Hexachlorocyclohexane (sum of)           | < 0.3         | < 0.3   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Lindan (gamma-hexachlorocyclohexane)     | < 0.6         | < 0.6   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Malathion and Malaoxon (sum of)          | < 1           | < 1     | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Mecarbam                                 | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Methacriphos                             | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Methidathion                             | < 0.2         | < 0.2   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Methoxychlor                             | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Mirex                                    | < 0.01        | < 0.01  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Parathion-ethyl and Paraoxon-ethyl (sum) | < 0.5         | < 0.5   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Parathion-methyl and Paraoxon-methyl     | < 0.2         | < 0.2   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Pendimethalin                            | < 0.1         | < 0.1   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Pentachloranisole                        | < 0.01        | < 0.01  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Permethrin and isomers (sum of)          | < 1           | < 1     | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Phosalone                                | < 0.1         | < 0.1   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Phosmet                                  | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Piperonyl butoxide                       | < 3           | < 3     | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Pirimiphos-ethyl                         | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Procymidone                              | < 0.1         | < 0.1   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Profenophos                              | < 0.1         | < 0.1   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Prothiophos                              | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Quinalphos                               | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Quintozene (sum of)                      | < 1           | < 1     | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | S-421                                    | < 0.02        | < 0.02  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Tecnazene                                | < 0.05        | < 0.05  | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Tetradifon                               | < 0.3         | < 0.3   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Vinclozolin                              | < 0.4         | < 0.4   | mg/kg   | 01-17-23        |
| GL-901 Pesticides       | Conforms                                 | Report        | Conform | Conform | 01-17-23        |

| Test Method Description                  | Analyte  | Specification | Result                 | U/M   | Completion Date |
|--|--|---------------|------------------------|-------|-----------------|
| GL-901 Pesticides                        | Acephate   | < 0.1         | < 0.1                  | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Cypermethrin and isomers (sum of)                | < 1           | < 1                    | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Dimethoate and Omethoate (sum of)                | < 0.1         | < 0.1                  | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Dithiocarbamates (expressed as CS <sub>2</sub> ) | < 2           | < 2                    | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Fensulfothion (sum of)                           | < 0.05        | < 0.05                 | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Fenthion (sum of)                                | < 0.05        | < 0.05                 | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Methamidophos                                    | < 0.05        | < 0.05                 | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Monocrotophos                                    | < 0.1         | < 0.1                  | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Pirimiphos-methyl (sum of)                       | < 4           | < 4                    | mg/kg | 01-17-23        |
| GL-901 Pesticides                        | Pyrethrum (sum of)                               | < 3           | < 3                    | mg/kg | 01-17-23        |
| Special Request                          | Analyte  | Report        | Hydroxytyrosol by HPLC | N/A   | 02-06-23        |
| Special Request                          | Result   | 0.02 Min      | 6650                   | µg/mL | 02-06-23        |
| USP <2021>/GL-411 Aerobic Plate Count*   | Aerobic Plate Count                              | <10000        | <100                   | CFU/g | 01-12-23        |
| USP <2022>/GL-423 E. coli*               | E. coli  | In: Negative  | Negative               | /10g  | 01-12-23        |
| USP <2022>/GL-441 Staphylococcus aureus* | Staph aureus                                     | In: Negative  | Negative               | /10g  | 01-12-23        |
| USP <2022>/GL-461 Salmonella*            | Salmonella                                       | In: Negative  | Negative               | /25g  | 01-12-23        |

**Laboratory Comments:**

Amended CoA to add unit of measure for Hydroxytyrosol. This report supersedes Certificate ID: 1096655-2.

 Reviewed By: Sabrina Walton

 Approved By: 

Edgar Grigorian, Laboratory Director

 Date: 02-06-2023

On Behalf of Dyad Labs

**Laboratory Notes:**

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\* - ISO/IEC 17025:2017 Accredited Test