



**CERTIFICATE of ANALYSIS (COA)**

**Chia Seed CO2 Extract**

|                           |                                 |
|---------------------------|---------------------------------|
| <b>COMMON NAME</b>        | Chia                            |
| <b>LATIN NAME</b>         | <i>Salvia Hispanica L</i>       |
| <b>COUNTRY OF ORIGIN</b>  | India                           |
| <b>CULTIVATION METHOD</b> | Cultivated                      |
| <b>TYPE</b>               | CO2 Total Extract               |
| <b>EXTRACTION METHOD</b>  | Super Critical Fluid Extraction |
| <b>PLANT PART</b>         | Seeds                           |
| <b>USE</b>                | Nutraceutical, Cosmetics        |

|                           |  |
|---------------------------|--|
| <b>SKU</b>                |  |
| <b>LOT #</b>              |  |
| <b>MANUFACTURING DATE</b> |  |
| <b>BEST BY DATE</b>       |  |

|                               | <b>Range</b>  | <b>Value</b> |
|-------------------------------|---------------|--------------|
| <b>SPECIFIC GRAVITY @20°C</b> | 0.916 – 0.933 | 0.926        |
| <b>REFRACTIVE INDEX @20°C</b> | 1.421 – 1.486 | 1.480        |
| <b>OPTICAL ROTATION @20°C</b> | na            | na           |

|                                 |                                   |          |
|---------------------------------|-----------------------------------|----------|
| <b>PHYSICAL APPEARANCE</b>      | Clear                             | Conforms |
| <b>COLOR</b>                    | Yellow                            | Conforms |
| <b>ODOR</b>                     | Free of any rancid or off notes   | Conforms |
| <b>SOLUBILITY</b>               | Soluble in alcohol and fixed oils |          |
| <b>SPECIAL USE INSTRUCTIONS</b> | Store in tightly closed container |          |

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| <b>PRIMARY CONSTITUENTS</b> | Linoleic Acid, Alpha Linolenic Acid, Oleic Acid |
|-----------------------------|-------------------------------------------------|

| <b>COMPONENTS</b>    | <b>RANGE %</b> | <b>%</b> | <b>COMPONENTS</b>    | <b>RANGE %</b> | <b>%</b> |
|----------------------|----------------|----------|----------------------|----------------|----------|
| Palmitic Acid        | 3.0 - 10.0     | 5.81     | Oleic Acid           | 6.5-15         | 12.42    |
| Palmitoleic Acid     | 0.6 - 0.9      | 0.8      | Linoleic Acid        | 24-35          | 26.07    |
| Stearic Acid         | 1.0 – 5.5      | 3.84     | Alpha Linolenic Acid | 45- 53         | 50.65    |
| <i>* EU Allergen</i> |                |          |                      |                |          |

|                 |                           |
|-----------------|---------------------------|
| <b>COMMENTS</b> | Odor Quality is Excellent |
|-----------------|---------------------------|

This CO2 Total Extract is an authentic natural product and does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge. The analysis and statements herein constitute the most complete information available to Nutraceutex. This product is guaranteed by Nutraceutex to be of excellent quality.

**Nutraceutex**

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