



GALILEO

ESSENTIAL OILS & MORE

CARAWAY

Specifications



General Specification

Product Name	Caraway Seeds (Steam Distillation – Egyptian – Galileo)
Botanical Name	Carum carvi
Botanical Family	Apiaceae
Description	Essential Oil Obtained from the Seeds of Carum carvi
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	May - Sep

Physical Specification

Parameter	Requirement	Test Method
Appearance	Pale Yellow – Transparent	Visual
Odor	Warm – Spicy – Slightly Sweet	Organoleptic
Taste	Warm spicy – Bitter – Mildly Sweet	Organoleptic
Solubility	Highly Soluble in Water – Insoluble in Water	Visual
Optical Rotation	+75° to +80 @ 20°C	Visual
Specific Gravity	0.908 – 0.915 @ 20°C	ASTM D4052
Specific Refractive	1.4860 – 1.4900 @ 20°C	ASTM D1218

Chemical Specification

Primary Constituents	(+) -Carvone, Limonene	
Parameter	Requirement %	Test Method
(+) -Carvone	50 – 70	GC-MS
Limonene	20 – 40	GC-MS
Myrcene	1 – 5	GC-MS
α- and β-Pinene	0.2 – 3.5	GC-MS

Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Digestive support Respiratory health - Oral hygiene	Potent antispasmodic for digestive & menstrual relief
Skin Care Profile	Maintaining healthy skin Remedy for various skin issues, such as acne, aging marks, & dullness	Healthy - Natural protection
Hair Care Profile	Promoting softness & smoothness Strengthen roots - Improve hair texture	Nourished - Natural vitality

