



GALILEO

ESSENTIAL OILS & MORE

BITTER ORANGE

Specifications



General Specification

Product Name	Bitter Orange (Steam Distillation – Egyptian – Galileo)
Botanical Name	Citrus Aurantium Var.
Botanical Family	Rutaceae
Description	Essential Oil Obtained from Peels of Citrus Aurantium Var.
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Dec - Mar

Physical Specification

Parameter	Requirement	Test Method
Appearance	colorless	Visual
Odor	Fresh – Citrusy – Slightly bitter	Organoleptic
Taste	Bitter – Floral	Organoleptic
Solubility	Insoluble in water – Soluble in oils & alcohol	Visual
Specific Gravity	0.865 – 0.885 @ 20°C	ASTM D4052
Refractive Index	1.472 – 1.476 @ 20°C	ASTM D1218

Chemical Specification

Primary Constituents	Limonene	
Parameter	Requirement %	Test Method
Limonene	85 – 96	GC-MS
Myrcene	0.5 – 2	GC-MS
Linalool	0.2 – 1.5	GC-MS

Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Relieving anxiety Aromatic qualities be combined with other citrus fragrances	Floral Citrus scen Emotional well-being
Skin Care Profile	Beneficial for acne - Prone skin Supports Collagen Production - Minimizing wrinkles & fine lines	Potent antioxidant & astringent action
Hair Care Profile	Stimulate blood circulation Nourish hair follicles - Balancing excess sebum	Balances Oily Scalp Citrus scent for hair mists

