



GALILEO

ESSENTIAL OILS & MORE

SWEET ALMOND

Specifications



General Specification

Product Name	Sweet Almond Oil (Cold pressed - Egyptian – Galileo)
Botanical Name	Prunus amygdalusdulcis
Botanical Family	Rosaceae
Description	Carrier Oil Obtained from Seeds of Prunus amygdalus dulcis
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Jul - Sep

Physical Specification

Parameter	Requirement	Test Method
Appearance	Slightly viscous – Clear pale yellow liquid	Visual
Odor	Nearly odorless – Band nutty scent	Organoleptic
Taste	Bland – Mild nutty taste	Organoleptic
Solubility	Insoluble in water– soluble in alcohol; miscible with either, chloroform, benzene	Visual
Specific Gravity	0.910 – 0.920 @ 20° C	ASTM D4052
Refractive Index	1.476 – 1.481 @ 20° C	ASTM D1218

Fatty Acid Composition

Primary Constituents	Oleic (C18:1)	
Parameter	Requirement %	Test Method
Oleic (C18:1)	56 – 75	GC-FID
Linoleic (C18:2)	20 – 30	GC-FID
Palmitic (C16:0)	7 – 9	GC-FID

Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Cardiovascular & metabolic support General nutritional support	Rich in monounsaturated fats Excellent source of protein
Skin Care Profile	Intensive moisturizing & soothing - Anti-aging & protective	Emollient properties Vitamin E & antioxidants
Hair Care Profile	Scalp health & dandruff contro - Strengthening & conditioning	Moisturizing Contains biotin & magnesium

