

TECHNICAL DATA SHEET



PETITGRAIN PARAGUAY OIL

PRODUCT IDENTIFICATION:

Supplier: Alpacasa
 Botanical name: Citrus aurantium
 Country of origin: Paraguay

IDENTITY

Cas: 72968-50-4
 Cas-einecs: 8014-17-3
 Einecs/elincs: 277-143-2
 Fda nr: n/a
 Fema: 2855
 Tariff n°: 3301.12.10

CORE TESTS

Gardner color scale 2000+: 4/30bs - 4/30as2
 Odor: Citric, strong orange
 Specific gravity D25/25: 0.880 to 0.897
 Appearance: Clear liquid
 Relative density d20/4: n/a
 Visual color: Pale yellow
 Refractive index nD20: 1.430 to 1.489

GC ON APPROPRIATE COLUMN

Linalool: 16,5% to 32.50%
 Linalyl acetate: 35% to 63%
 Neryl acetate: 0.10% to 3.50%
 Myrcene: 0.90% to 4%
 Trans beta ocimene: 1.50% to 3.70%
 Alpha terpineol: 3% to 8%
 Nerol: 0.6% to 6%
 Geranyl acetate: 2.50% to 5.50%
 Geraniol: 1% to 4.5%
 Cis beta ocimene: 0.40% to 1.70%
 Limonene:
 Limonene:
 Sum alcohols: 52% to 95.50%

ADDITIONAL DATA

Optical rotation: -5.00 to 1.00
 Acid value: n/a
 Flash point: 74 °C
 Melting point: n/a
 Solubility: Insoluble in water

STORAGE AND PACKING

Packing: Steel drums containers with internal epoxy paint coating
 Stability: Not to be exposed to open flame
 Storage conditions: Store in well ventilated dry area in sealed containers
 Shelf life: 36 months