

TECHNICAL DATA SHEET

FRESH LEMON STRONG INFUSION 20% ETHANOL

DESCRIPTION: An extract prepared from fresh lemons (*Citrus limon* L. Burm), ethanol and water. As a natural product this may contain a slight sediment; decant or filter before use if necessary.

Ransom Product Code	LE/03
Plant species used	<i>Citrus limon</i> L. Burm
Plant part used	Fresh whole ripe fruit
Flavouring classification	Natural Flavouring Preparation (according to Regulation (EC) No. 1334/2008)
Labelling recommendations	Natural Lemon Extract, Natural Lemon Infusion, Natural Lemon Flavouring, Natural Flavouring, etc.

SENSORY CHARACTERISTICS

A clear to cloudy yellow/green liquid with a fragrant citrus odour.

TASTE[#]

Characteristic flavour of fresh lemons.

WEIGHT PER ML @ 20°C

0.944 – 1.014g/ml

REFRACTIVE INDEX @ 20°C

1.340 – 1.360

pH

2.5 – 4.5

CONTENT OF ETHANOL[#]

18 – 23%v/w
(18 – 22%v/v)

HEAVY METALS

Not More Than 10 ppm

MICROBIOLOGY

TOTAL AEROBIC MICROBIAL COUNT

NMT 10² cfu/ml

TOTAL COMBINED YEASTS/MOULDS COUNT

NMT 10² cfu/ml

BILE TOLERANT GRAM-NEGATIVE BACTERIA

Absent in 1ml

CONTAMINANTS

Monitoring testing for heavy metals and pesticide residues is carried out on the raw material or product. The product will comply with food legislative requirements if tested.

ANALYTICAL METHODS

All analytical methods detailed above are in accordance with British Pharmacopoeia (BP) standard methods, or ([#]) Ransom methods.

STORAGE

Store in well filled, well-closed containers, protected from light and at a temperature not exceeding 30°C.

RETEST PERIOD

One year (unopened container)

APPROVAL

Author	C WELHAM	Reviewer:	M WILLETS	QA Approval:	D TORRADO-PELAEZ
Date:	16 APR 2024	Date:	17 APR 2024	Date:	17 APR 2024