

TECHNICAL DATA SHEET

KOREAN GINSENG STRONG INFUSION 20% ETHANOL

DESCRIPTION: An extract prepared from the dried root of white Korean Ginseng (*Panax ginseng* CA Meyer.), ethanol and water.

As a natural product this may contain a slight sediment; decant or filter before use if necessary.

Ransom Product Code	GI/36
Plant species used	<i>Panax ginseng</i> CA Meyer.
Plant part used	Underground parts, including the rhizome surrounded by the roots and stolons
Flavouring classification	Natural Flavouring Preparation (according to Regulation (EC) No. 1334/2008)
Labelling recommendations	Natural Korean Ginseng Extract, Natural Korean Ginseng Infusion, Natural Korean Ginseng Flavouring, Natural Flavouring, etc.

SENSORY CHARACTERISTICS

A clear, pale-yellow liquid.

TASTE#

A characteristic nutty flavour with bitter afternotes.

WEIGHT PER ML @ 20°C

0.970 – 1.000g/ml

REFRACTIVE INDEX @ 20°C

1.345 – 1.355

pH

5.0 – 6.5

CONTENT OF ETHANOL#

18 – 23%v/w
(18 – 22%v/v)

HEAVY METALS

Not More Than (NMT) 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 Two years (unopened container)

APPROVAL

Author	C WELHAM	Reviewer:	M WILLETS	QA Approval:	L MAJDI
Date:	18 JUN 2024	Date:	09 SEP 2024	Date:	02 SEP 2024