

TECHNICAL DATA SHEET

HIBISCUS STRONG INFUSION

DESCRIPTION: An extract prepared from the calyces and epicalyces of Hibiscus (*Hibiscus sabdariffa* L.), ethanol, and water. As a natural product this may contain a slight sediment; decant or filter before use if necessary.

Ransom Product Code	HI/02
Plant species used	<i>Hibiscus sabdariffa</i> L.
Plant part used	Dried calyces and epicalyces
Flavouring classification	Natural Flavouring Preparation (according to Regulation (EC) No. 1334/2008)
Labelling recommendations	Natural Hibiscus Extract, Natural Hibiscus Infusion, Natural Hibiscus Flavouring, Natural Flavouring, etc.

SENSORY CHARACTERISTICS	A clear dark red liquid.
TASTE[#]	A characteristic acidic and fruity flavour.
WEIGHT PER ML @ 20°C	0.990 – 1.030g/ml
REFRACTIVE INDEX @ 20°C	1.345 – 1.365
pH	2.0 – 4.0
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 10 ² cfu/ml
TOTAL COMBINED YEASTS/MOULDS COUNT	NMT 10 ² 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:	17 SEP 2024	Date:	04 OCT 2024