

PROVISIONAL TECHNICAL DATA SHEET

Ashwagandha Aqueous Strong Infusion

DESCRIPTION: An extract made from the dried root of Ashwagandha (*Withania somnifera* (L.) Dunal). As a natural product this may contain a slight sediment; decant or filter before use.

Provisional Product Code	AS/04
Plant species used	<i>Withania somnifera</i> (L.) Dunal
Plant part used	Dried, mature roots
Flavouring classification	Natural Flavouring Preparation (according to Regulation (EC) No. 1334/2008)
Labelling recommendations	Natural Ashwagandha Extract, Natural Ashwagandha Infusion, Natural Ashwagandha Flavouring, Natural Flavouring, etc.

SENSORY CHARACTERISTICS	An amber-brown liquid
TASTE #	A characteristic flavour.
WEIGHT PER ML @ 20°C	1.000 – 1.040 g/ml
REFRACTIVE INDEX @ 20°C	1.330 – 1.350
pH @ 20°C	3.8 – 4.2
CONTENT OF POTASSIUM SORBATE #	0.18 – 0.22%w/v*
CONTENT OF SULPHUR DIOXIDE #	Not More Than 500ppm
HEAVY METALS	Not More Than 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

* - Initial release limit only. Shelf life and retest limit NLT 0.08%w/v.

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)

Approved by CW
AS04/PTDS-1-22/05/2025

NOTE: This material contains sodium metabisulphite and as such is a potential allergen according to EU Regulation 1169/2011. The final product will not require labelling for the presence of sulphites if used at 2.0% inclusion or less. This material may only be used at >2.0% inclusion if sodium metabisulphite is allowable as a preservative in the finished product and the finished product is labelled to meet the relevant additive and allergen labelling requirements.