

VEGETABLE SODIUM DNA 0.5%

CODE: ADVN-2

Date of last amendment: 06.05.2023

INCI name: WATER (AND) PHENOXYETHANOL (AND) SODIUM DNA

DESCRIPTION: High Polymerization DNA, sodium salt in solution at 0,50%, from a vegetable source (Wheat Germ)

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	98.500	7732-18-5
Sodium DNA (source: Wheat germ-Triticum aestivum)	0.500	-----
Preservative: Phenoxyethanol	1.000	122-99-6

Color:	Yellow to light green
Appearance:	Translucent to slightly opalescent fluid.
Odor:	Mild, not unpleasant.
pH:	4.50 – 7.00 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	2.00 gr.% minimum (0.5 gr. 1 hour 110° C).
Solubility in water:	In all proportions
Identification:	Amplification by PCR using specific microsatellites for Triticum aestivum.
Deoxyribose identification:	(+) Positive (Method Dische-Burton)
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-15°C). Do not freeze. Protect from light.

EXTERNAL COSMETIC USE