

QUATERNIZED VEGETABLE DNA

CODE: ADVNQUAT

Date of last amendment: 09.12.2021

INCI name: WATER (AND) POLYQUATERNIUM 16 (AND) PHENOXYETHANOL (AND) SODIUM DNA.

DESCRIPTION: High polymerization (hp) DNA, sodium salt in solution, of entirely vegetable origin, associated with a cationic polymer through an exclusive process, which dramatically increases its substantivity with hair and skin.

Does not contain gliadins. Gluten-free

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water	50,000	7732-18-5
Polyquaternium-16	48,750	95144-24-4
Sodium DNA (source: Wheat germ-Triticum aestivum)	0,250	-----
Preservative: Phenoxyethanol	1,000	122-99-6

Appearance:	Translucent to slightly opalescent viscous liquid.
Color:	Amber to light Brown.
pH:	4.50 – 6.00 (25°C) (USP XXVII)
Odor:	Mild, not unpleasant.
Density:	0.980 – 1.099 (pycnometer) (20°C) (USP XXVII)
Dry residue:	18.00 gr % minimum (0.5 gr. 1 hour 110° C)
Solubility:	Soluble in all proportions
Identification:	By FTIR-ATR method,
Arsenic:	0.50 ppm max. (EAA, with generation of hydrides).
Heavy Metals:	5.00 pp max. . (Hydrogen sulfide expressed as Lead)
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-25°C). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE