

SUANFARMA

PRODUCT SPECIFICATION SHEET

REVISION 1.2018

IDENTIFICATION

NAME	ARTICHOKE EXTRACT 5%
BOTANICAL NAME	<i>Cynara scolymus</i>
PRODUCT CODE	ART05
SHELF LIFE	60 Months
PLANT PART(S) USED	Leaves
COUNTRY OF ORIGIN	France

PHYSICAL & CHEMICAL ANALYSIS

PARAMETER	SPECIFICATION	METHODS
1. APPEARANCE	Fine Powder	Organoleptic
ODOR	Characteristic	Organoleptic
COLOR	Brownish	Organoleptic
FLAVOR	Characteristic and bitter	Organoleptic
2. IDENTIFICATION	<i>Cynara scolymus</i>	HPTLC / HPLC
3. BULK DENSITY	NLT 0.3 g/mL	Ph. Eur.(2.9.34)
4. AFLATOXINS (B1/B2/G1/G2)	NMT 4 ppb	NF EN 12955
5. PESTICIDES	Conform	Eur. Ph.{§2.8.13}
6. BENZO[A]PYRENE / 4 HPA (SUM)	NMT 10 ppb / NMT 50 ppb	GC/MS
7. DRY MATTER	NLT 90%	Eur. Ph.{2.2.32 – 105°C}
8. HEAVY METALS		
LEAD	NMT 3 ppm	Mineralization + ICP-MS
ARSENIC	NMT 2 ppm	Mineralization + ICP-MS
CADMIUM	NMT 1 ppm	Mineralization + ICP-MS
MERCURY	NMT 0.1 ppm	CV-AAS
9. ASSAY – Caffeic acid derivatives	NLT 5%	UV Spectrophotometric (eq Cynarin)

MICROBIOLOGY CONTROL

TOTAL PLATE COUNT	NMT 10,000 cfu/g	NF ISO 4833-1:2013
YEAST & MOLD	NMT 500 cfu/g	AOAC 997.02
E. COLI	Absent	Eur. Ph 2000 adapted
SALMONELLA	Absent	NF EN ISO 6579
STAPHYLOCOCCUS AUREUS	Absent	Eur. Ph 2000 adapted

STORAGE CONDITIONS: PRESERVE IN TIGHTLY-SEALED CONTAINERS UNDER COOL, DRY CONDITIONS. AVOID EXCESSIVE EXPOSURE TO SUNLIGHT.
MANUFACTURING SITE: THIS MATERIAL HAS BEEN CUSTOM MADE AND PROCESSED AT ZAE LE NOYER BR016 24230 LAMOTHE MONTRAVEL FRANCE TO MEET SUAN FARMA, INC. SPECIFICATIONS.

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