

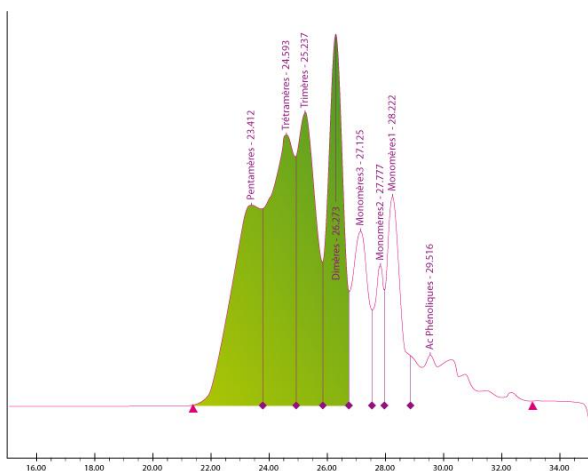
## FRENCH MARITIME PINE BARK EXTRACT

**Purextract** produces and markets **Cosmythic®**, extracted from the french maritime pine bark. Recognized for its purity and its chemical characterization, **Cosmythic®**, is used in nutricosmetics to enhance the beauty of the skin.

### CHARACTERISTICS

<b>COMMON NAME</b>	<b>FRENCH MARITIME PINE BARK EXTRACT</b>
<b>BOTANICAL NAME</b>	<b>PINUS PINASTER SOL.</b>
<b>PLANT PART</b>	<b>BARK</b>
<b>DESCRIPTION</b>	<b>BROWNISH POWDER WITH A BITTER ASTRINGENT TASTE</b>
<b>ORIGIN</b>	<b>PINE FROM LES LANDES FOREST, France</b>
<b>N° CAS</b>	<b>90082-75-0</b>
<b>N° EINECS</b>	<b>290-166-2</b>
<b>INCI NAME</b>	<b>PINUS PINASTER EXTRACT</b>
<b>IDENTIFICATION</b>	<b>BATES SMITH REACTION AND UV ABSORBANCE</b>
<b>EXTRACTION RATIO</b>	<b>1000 : 1</b>
<b>COMPOSITION</b>	<b>THE SELECTIVITY OF OUR EXTRACTION PROCESS LEADS TO HIGH CONTENT IN OPC (DIMERS UP TO PENTAMERS)</b>
<b>ALLERGENS</b>	<b>DOES NOT CONTAIN ANY FOOD ALLERGEN LISTED IN THE ANNEX OF DIRECTIVE 2003/89/CE</b>

### GPC CHROMATOGRAM OF COSMYTHIC®



### COMPOSITION OF COSMYTHIC® (%)

<b>TOTAL POLYPHENOL CONTENT</b>	<b>&gt; 96</b>
<b>MONOMERS + PHENOLIC ACIDS</b>	<b>30</b>
<b>DIMERS</b>	<b>&gt; 15</b>
<b>OTHER OLIGOMERS</b>	<b>50</b>
<b>PROCYANIDINS CONTENT (GPC)</b>	<b>&gt; 67</b>

**ANTIOXYDANT ACTIVITY ORAC VALUE (µMOL TEQ/G)** | 15000

### USES

PHYSIOLOGICAL ACTIVITIES	DAILY DOSE RECOMMENDED	APPLICATIONS
ANTI-AGE – SKIN ELASTICITY – DEPIGMENTATION – DARK SPOTS	BETWEEN 40 AND 100 MG	DIETARY SUPPLEMENTS : TABLETS, SOFT GELS  FUNCTIONAL FOODS : YOGHURTS, SNACK, BEVERAGE, CEREAL BARS...

**OTHER TECHNICAL DATA**

CHARACTERISTICS	UNITS	MINIMUM	MAXIMUM	METHODS
LOSS ON DRYING	%		5.0	PH.EUR.2.2.32
INSOLUBLES IN WATER AT 20°C	%		5.0	DRT 3882
SULPHURIC ASHES	%		0.5	PH.EUR.2.4.14
INSOLUBLES IN THF	%		1	DRT 3884
PH AT 20°C		2.5	4.5	DRT 3302
UV ABSORBANCE AT 281 NM		145	175	PH.EUR.2.2.25
SOLVENT RESIDUE : ETHYL ACETATE	mg/kg		10.00	DRT 1251

MICROBIOLOGY	
TOTAL MICROBIAL COUNT	< 1000 ufc/g
YEAST & MOULD	< 100 ufc/g
ENTEROBACTERIA	< 100 ufc/g
SALMONELLA	Absence/25 g
PSEUDOMONAS AERUGINOSA	Absence/g
STAPHYLOCOCCUS	Absence/g
CLOSTRIDIA	Absence/g
E.COLI	Absence/g
CANDIDA ALBICANS	Absence/g
LISTERIA MONOCYTOGENES	<100 ufc/g

All details and analytical methods are available on simple request.

HEAVY METALS	
LEAD	< 3 ppm
ARSENIC	< 0.5 ppm
MERCURY	< 0.1 ppm
CADMIUM	< 1 ppm

OTHER ANALYSIS	
PESTICIDES	Conform with PH.EUR.2.8.13
PCB and DIOXINS	Conform with Regulation EC N° 1881/2006
MYCOTOXINES	Conform with Regulation EC N° 1881/2006

**CUSTOM TARIFF**

13 02 19

**PACKAGING**

The product is available in 1, 5 and 10 kg.

**STORAGE CONDITIONS AND STABILITY**

Stable 5 years under normal conditions of temperature, in its original sealed packaging. Room temperature in dry place, protected from air and light.

**Information intended for the professionals**

The data herein are based on our knowledge about above product.  
They are without conditions or warranties, expressed or implied regarding the use of the product.

For any further information, please contact :  
LES DERIVES RESINIQUES ET TERPENIQUES  
30, Rue Gambetta – BP 206 – 40105 DAX Cedex (France)  
Tel. + 33(5) 58 56 62 00 – Fax : +33(5) 58 56 62 40  
[www.pureextract.fr](http://www.pureextract.fr)

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