

# TECHNICAL DATA SHEET

## MATRIBIS BIO

Last update March 2015

Characteristics	
Product name	MATRIBIS BIO
Product code	PTD2160
INCI	GLYCERIN* (and) WATER (and) POLYGONUM BISTORTA ROOT EXTRACT
Form	Liquid
Colour	Orange-light brown
Odour	Characteristic
Shelf life	2 years in sealed vessel
Storage	Protect from temperatures above 25°C

\*Made using organic ingredients / 100% of the total ingredients are from natural origin / 33.85% of the total ingredients are from organic farming

Raw material certified by Ecocert Greenlife according to the Ecocert Standard for Natural and Organic cosmetics available at <http://cosmetics.ecocert.com>

Key components	Method	Expected value <sup>#</sup>
Chlorogenic acid	HPLC	> 5 000 ppm
Gallic acid	HPLC	> 1 000 ppm
Total polyphenols (eq. Gallic acid)	Folin-Ciocalteu	> 15 %
Antioxidants (eq. Trolox)	ORAC	3000 - 5000 µmol/g

<sup>#</sup>expressed in soft plant extract equivalent

Analysis	Method	Expected value
Density	V-APP-D23	1.10 - 1.35
Total flora	Ph. Eur	< 100 UFC/g

Additional data	
Recommended use level	2 %
Incorporation	Add during the cooling phase below 40°C
Label	Organic-certified by Ecocert

