



We create chemistry

Product specification

DN-Age LS 9547

PRD 30534841

Valid since	30.04.2019
Revision	39.1
WF-No.	19945
Page	1 of 4

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Physical form: Liquid

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification	Test method
Organoleptic characteristics	Dark brown opaque liquid with a characteristic odor	PR. 47
Microbiological test – Total germs	≤ 100 CFU/g	Ph. Eur. 2.6.12
Microbiological test – Pathogens	Absence in 1 g	Ph. Eur. 2.6.13
Microbiological test – Gram negative bacteria	Absence in 1 g	Ph. Eur. 2.6.13
Refractive index at 20 °C	1.410 - 1.440	PR. 61
pH (product as is)	5.0 - 6.5	PR. 14
Phenoxyethanol / HPLC (solution at 0.2 % in ethanol)	1.8 - 2.2 %	PR. 79
Phytochemical Tracers / HPLC : Kaempferol-3-O-Sophoroside	0.1 - 0.2 %	PR. 295
Chromatographic Profile	Conform (see data below)	PR. 295

Only the data displayed in this document shall constitute the agreed contractual quality of the product. Chemical-physical characteristics reported in other product related documents (e.g. MSDS, Marketing brochures etc.) are not intended to define the quality of the product. Conversely, Product Specification does not address product communication, human and/or environmental safety or socio-economical characteristics.



We create chemistry

Product specification

DN-Age LS 9547

PRD 30534841

Valid since	30.04.2019
Revision	39.1
WF-No.	19945
Page	2 of 4

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals

Storage information

Shelf life

24 months

Storage temperature

Between + 10 °C and + 30 °C.

Storage conditions

In original sealed containers and protected from moisture

Intended for use as cosmetic ingredient

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of the risk. The data are controlled at regular intervals as part of our quality assurance program.

SELLER MAKES NO WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, BY FACT OR LAW, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This is a computer generated document. It is valid without signature.



We create chemistry

Product specification

DN-Age LS 9547

PRD 30534841

Valid since 30.04.2019
Revision 39.1
WF-No. 19945
Page 3 of 4

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals

CHROMATOGRAPHIC PROFILE / HPLC

Sample preparation:

Solution at 5 % w/v in ultrapure water.

Column (or similar)	WATERS ACQUITY UPLC BEH SHIELD RP18 100 x 2.1 mm, 1.7µm			
Oven temperature	30°C			
Autosampler temperature	20°C			
Mobile phase (gradient)	A: Ultrapure water			
	B: Acetonitrile			
	Time (min)	Flow (ml/min)	%A	%B
	0.0	0.3	95	5
	8.0	0.3	50	50
Wavelength	9.0	0.3	95	5
	15.0	0.3	95	5
Wavelength	350 nm			
Injection volume	1 µL			
Run time	15.0 minutes			



We create chemistry

Product specification

DN-Age LS 9547

PRD 30534841

Valid since 30.04.2019

Revision 39.1

WF-No. 19945

Page 4 of 4

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals

Result:

Characteristic profile, with presence of Kaempferol-3-O-sophoroside.

