

Product specification

Cetiol® V

PRD 30527917

Valid since	22.09.2020
Revision	4.0
WF-No.	25002
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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.

INCI name:	Decyl Oleate
Physical form:	Clear, slightly yellowish polar oil with characteristic odor and a mean molecular weight

Quality control data

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

Test property	Specification	Test method
Appearance at room temperature	Corresponds to the standard	Internal method 930006
Odor at room temperature	Corresponds to the standard	Internal method 930007
Acid value	0.0 - 1.0 mg KOH/g	DGF C-V 2
Iodine value	55.0 - 65.0 g I/100 g	DGF C-V 11A
Hydroxyl value	0.0 - 2.0 mg KOH/g	DGF C-V 17A,B
Saponification value	130.0 - 140.0 mg KOH/g	DGF C-V 3
Density (20 °C)	0.860 - 0.870 g/cm ³	DIN 51757
Viscosity (dynamic) 20 °C	15.0 - 20.0 mPas	DGF C-IV 7
Refraction index (20 °C)	1.4555 - 1.4575	DGF C-IV 5
Peroxide value	0.0 - 8.0 meq/kg	DGF C-VI 6A
(at batch release 0.0 - 3.0 meq/kg)		

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.

Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

Test property	Specification	Test method
Cloud point	max. 5 °C	Internal method 930052



We create chemistry

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Care Chemicals

Storage information

Shelf life

12 months

Storage temperature

Between + 5 °C and + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

Through addition of mixed tocopherols the product is protected from autoxidation. Depending on the storage temperature, the peroxide value may increase. The product quality is not impaired as long as the peroxide value remains below 8.0.

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.

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