



## Product Specification

### Product Data

Product D-Limonene  
Ref.-No. 2023.0001

### Product Description

Food Industry Flavouring preparation fraction  
Fragrance Industry Essential oil fraction

### Analytical Data

<u>Phys. chem. parameter</u>	<u>min.</u>	<u>max.</u>	<u>Unit</u>	<u>Method</u>
Microbiological Data	Not applicable			
Aldehyde (as Citral)	0,1	0,8	% (w/w)	111A
Optical rotation (20 °C, 1 dm, 589 nm)	98,0	104,5	°	112E
Density, relative (d (20/4))	0,8390	0,8450		113C
Refractive index (n (20 °C))	1,4690	1,4750		114C
Flashpoint c.c. (ASTM D7094)	51		°C	125B

<u>GC</u>	<u>min.</u>	<u>max.</u>	<u>Unit</u>	<u>Method</u>
Equal to standard.				

<u>Sensory Evaluation</u>	<u>Result</u>	<u>Method</u>
Appearance (visual)	Equal to standard.	050A
Odor (smelling strip)	Equal to standard.	051A

### Storage Conditions & Technical and Transportation Data

Storage conditions Cool, dry, dark, in original sealed package  
Storage temperature 10 - 27 °C  
Shelf life 6 Month(s)  
EC No. 232-433-8  
CAS (EINECS) 8028-48-6  
CAS (TSCA) 68647-72-3  
CoE 143n  
FDA 182.20  
FEMA not available  
Tariff Code No. 2902 1900 (Reg. (EEC) No 2658/87)

### Additional information

The information provided is correct to the best of our knowledge today and is not to be considered as a warranty.

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