

CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091A10321
Best Before: March, 2023
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	0.8410
Refractive Index:	1.4710 - 1.4740 @ 20°C	1.4725
Assay:	> 93 %	93.34 %

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091D063
Best Before: February, 2023
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear yellow liquid.	Complies
Odor:	Strong citrus odor.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 – 0.850 @ 25 °C	Complies
Refractive Index:	1.471 – 1.474 @ 20 °C	Complies
d-Limonene:	> 90 %	Complies

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091B111191
Best Before: October, 2022
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	Complies
Refractive Index:	1.4710 - 1.4740 @ 20°C	Complies
Assay:	> 93 %	Complies

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091A110191
Best Before: October, 2022
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	Complies
Refractive Index:	1.4710 - 1.4740 @ 20°C	Complies
Assay:	> 93 %	Complies

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091A10620
Best Before: June, 2022
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	0.8400
Refractive Index:	1.4710 - 1.4740 @ 20°C	1.4724
Assay:	> 93 %	96.18 %

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091A104191
Best Before: April, 2022
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	Complies
Refractive Index:	1.4710 - 1.4740 @ 20°C	Complies
Assay:	> 93 %	Complies

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091D062
Best Before: February, 2022
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Clear yellow liquid.	Complies
Odor:	Strong citrus odor.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 – 0.850 @ 25 °C	Complies
Refractive Index:	1.471 – 1.474 @ 20 °C	Complies
d-Limonene:	> 90 %	Complies

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091B11119
Best Before: October, 2021
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	0.8404
Refractive Index:	1.4710 - 1.4740 @ 20°C	1.4722
Assay:	> 93 %	93.32 %

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091A11019
Best Before: October, 2021
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	0.8404
Refractive Index:	1.4710 - 1.4740 @ 20°C	1.4722
Assay:	> 93 %	93.32 %

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CERTIFICATE OF ANALYSIS

Product: d-Limonene (Citrus Terpenes) Raw Material
Lot No.: 16091A10419
Best Before: April, 2021
Store in an air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless liquid.	Complies
Odor:	Characteristic aroma.	Complies
Solubility:	Insoluble in water. Miscible with alcohol.	Complies
Relative Density:	0.838 - 0.8430 @ 25°C	0.8409
Refractive Index:	1.4710 - 1.4740 @ 20°C	1.4726
Assay:	> 93 %	93.21 %

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