

CERTIFICATE OF ANALYSIS

Product: Glyceryl Stearate – Raw Material
Lot #: 16085A10720
Best Before: June, 2023
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White flakes.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in cold and hot water. Soluble in diethyl ether.	Complies
Acid Value:	16 – 20	18.13
Iodine Value:	< 5.0	1.10
Saponification Value:	146 – 154	150.35
Free Glycerine:	7.0 – 9.0	7.48
Glycerol Monoester:	36.0 – 42.0	36.24
Soap as Potassium Stearate:	5.0 – 6.0	5.54
Moisture:	< 2.0	0.09

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario.

CERTIFICATE OF ANALYSIS

Product: Glyceryl Stearate – Raw Material
Lot #: 16085A107191
Best Before: April, 2022
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White flakes.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in cold and hot water. Soluble in diethyl ether.	Complies
Acid Value:	16 – 20	Complies
Iodine Value:	< 5.0	Complies
Saponification Value:	146 – 154	Complies
Free Glycerine:	7.0 – 9.0	Complies
Glycerol Monoester:	36.0 – 42.0	Complies
Soap as Potassium Stearate:	5.0 – 6.0	Complies
Moisture:	< 2.0	Complies

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CERTIFICATE OF ANALYSIS

Product: Glyceryl Stearate – Raw Material
Lot #: 16085-A261
Best Before: February, 2022
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White flakes.	Complies
Odor:	Characteristic odor.	Complies
Solubility:	Insoluble in cold and hot water. Soluble in diethyl ether.	Complies
Acid Value:	16 – 20	Complies
Iodine Value:	< 5.0	Complies
Saponification Value:	146 – 154	Complies
Free Glycerine:	7.0 – 9.0	Complies
Glycerol Monoester:	36.0 – 42.0	Complies
Soap as Potassium Stearate:	5.0 – 6.0	Complies
Moisture:	< 2.0	Complies

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CERTIFICATE OF ANALYSIS

Product: Glyceryl Stearate – Raw Material
Lot #: 16085A10719
Best Before: April, 2021
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White to off-white flakes.	Complies
Odor:	Mild fatty odor.	Complies
Solubility:	Insoluble in cold and hot water. Soluble in diethyl ether.	Complies
Acid Value:	16 – 20	16.8
Iodine Value:	< 5.0	1.1
Saponification Value:	146 – 154	151
Free Glycerine:	7.0 – 9.0	7.3
Glycerol Monoester:	36.0 – 42.0	36
Soap as Potassium Stearate:	5.0 – 6.0	5.3
Moisture:	< 2.0	0.48

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CERTIFICATE OF ANALYSIS

Product: Glyceryl Stearate – Raw Material
Lot #: 16085-A26
Best Before: February, 2021
 Store in air tight containers; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	White to off-white flakes.	Complies
Odor:	Mild fatty odor.	Complies
Solubility:	Insoluble in cold and hot water. Soluble in diethyl ether.	Complies
Acid Value:	16 – 20	17.8
Iodine Value:	< 5.0	0.5
Saponification Value:	146 – 154	152
Free Glycerine:	7.0 – 9.0	7.3
Glycerol Monoester:	36.0 – 42.0	41.4
Soap as Potassium Stearate:	5.0 – 6.0	5.2
Moisture:	< 2.0	0.77

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