

CERTIFICATE OF ANALYSIS

Product: Polawax  
 Lot #: 30012 - A29  
 Best Before: June, 2020

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 ceramic beads.         | Complies       |
| Odor:                 | Characteristic odor.            | Complies       |
| Melting Point:        | 50 - 54 °C                      | 52.5           |
| pH (3% solution):     | 5.5 - 7.0                       | 6.6            |
| Iodine value:         | 0 - 3.5 g I <sub>2</sub> / 100g | 0.1            |
| Acid value:           | 0 - 1.5 mg KOH/g                | 0.3            |
| Hydroxyl value:       | 178 - 192 mg KOH/g              | 190            |
| Saponification value: | 0 - 14 mg KOH/g                 | 10             |

**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: Polawax  
 Lot #: 30012 - A28-1,B28-1  
 Best Before: June, 2020

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 ceramic beads.         | Complies       |
| Odor:                 | Characteristic odor.            | Complies       |
| Melting Point:        | 50 - 54 °C                      | Complies       |
| pH (3% solution):     | 5.5 - 7.0                       | Complies       |
| Iodine value:         | 0 - 3.5 g I <sub>2</sub> / 100g | Complies       |
| Acid value:           | 0 - 1.5 mg KOH/g                | Complies       |
| Hydroxyl value:       | 178 - 192 mg KOH/g              | Complies       |
| Saponification value: | 0 - 14 mg KOH/g                 | Complies       |

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CERTIFICATE OF ANALYSIS

Product: Polawax  
 Lot #: 30012 - A27  
 Best Before: March, 2019

Store in air tight containers; in a cool dry area; away from direct sunlight.

| <u>Properties</u>     | <u>Specifications</u>           | <u>Results</u> |
|-----------------------|---------------------------------|----------------|
| Appearance:           | Creamy white pastilles.         | Complies       |
| Odor:                 | Mild odor.                      | Complies       |
| Melting Point:        | 50 - 54 °C                      | 52.2           |
| pH (3% solution):     | 5.5 - 7.0                       | 6.8            |
| Iodine value:         | 0 - 3.5 g I <sub>2</sub> / 100g | 0.1            |
| Acid value:           | 0 - 1.5 mg KOH/g                | 0.3            |
| Hydroxyl value:       | 178 - 192 mg KOH/g              | 190            |
| Saponification value: | 0 - 14 mg KOH/g                 | 10             |

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CERTIFICATE OF ANALYSIS

Product: Polawax  
Lot #: 30012 - A26  
Best Before: September, 2018  
Store in air tight containers; in a cool dry area; away from direct sunlight.

| <u>Properties</u>     | <u>Specifications</u>           | <u>Results</u> |
|-----------------------|---------------------------------|----------------|
| Appearance:           | Creamy white pastilles.         | Complies       |
| Odor:                 | Mild odor.                      | Complies       |
| Melting Point:        | 50 - 54 °C                      | 52.0           |
| pH (3% solution):     | 5.5 - 7.0                       | 6.8            |
| Iodine value:         | 0 - 3.5 g I <sub>2</sub> / 100g | 0.1            |
| Acid value:           | 0 - 1.5 mg KOH/g                | 0.3            |
| Hydroxyl value:       | 178 - 192 mg KOH/g              | 189            |
| Saponification value: | 0 - 14 mg KOH/g                 | 8              |

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CERTIFICATE OF ANALYSIS

Product: Polawax  
 Lot #: 30012 - A25,B25  
 Best Before: January, 2018  
 Store in air tight containers; in a cool dry area; away from direct sunlight.

| <u>Properties</u>     | <u>Specifications</u>           | <u>Results</u> |
|-----------------------|---------------------------------|----------------|
| Appearance:           | Creamy white pastilles.         | Complies       |
| Odor:                 | Mild odor.                      | Complies       |
| Melting Point:        | 50 - 54 °C                      | 53.0           |
| pH (3% solution):     | 5.5 - 7.0                       | 6.6            |
| Iodine value:         | 0 - 3.5 g I <sub>2</sub> / 100g | 0.1            |
| Acid value:           | 0 - 1.5 mg KOH/g                | 0.3            |
| Hydroxyl value:       | 178 - 192 mg KOH/g              | 188            |
| Saponification value: | 0 - 14                          | 10             |

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CERTIFICATE OF ANALYSIS

Product: Polawax  
 Lot #: 30012 - A24-1  
 Best Before: January, 2018

Store in air tight containers; in a cool dry area; away from direct sunlight.

| <u>Properties</u>     | <u>Specifications</u>           | <u>Results</u> |
|-----------------------|---------------------------------|----------------|
| Appearance:           | Creamy white pastilles.         | Complies       |
| Odor:                 | Mild odor.                      | Complies       |
| Melting Point:        | 50 - 54 °C                      | Complies       |
| pH (3% solution):     | 5.5 - 7.0                       | Complies       |
| Iodine value:         | 0 - 3.5 g I <sub>2</sub> / 100g | Complies       |
| Acid value:           | 0 - 1.5 mg KOH/g                | Complies       |
| Hydroxyl value:       | 178 - 192 mg KOH/g              | Complies       |
| Saponification value: | 0 - 14                          | Complies       |

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