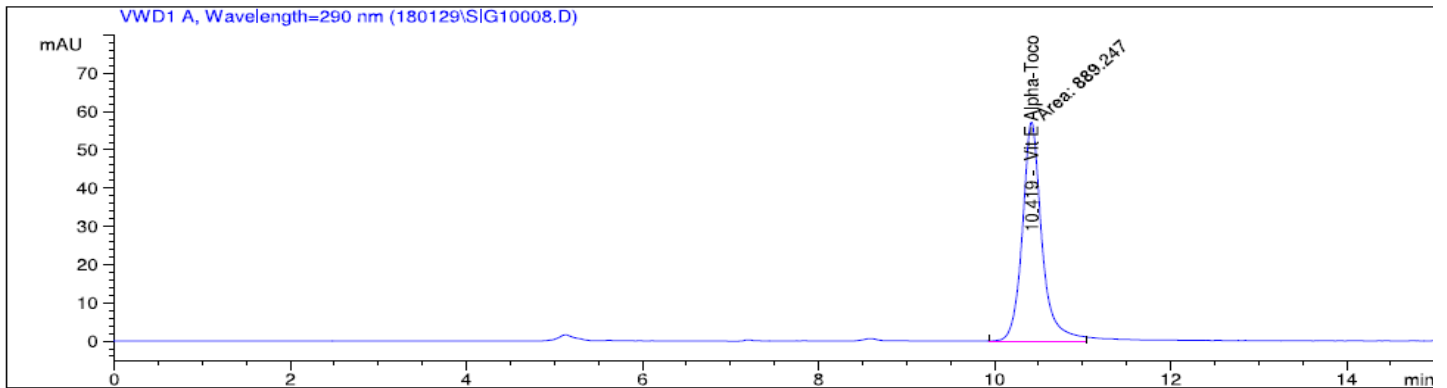


ASSAY ANALYSIS

PRODUCT NAME: VITAMIN E (USP) RAW MATERIAL - 16014

DATE: February 6, 2018

HPLC QUANTITATIVE ANALYSIS\*



Peak #	Ret Time [min]	Type	Width [min]	Area mAU	Area %	Name
1	5.608		0.0000	0.0000	0.0000	Vit E Acetate
2	10.419	MF	0.2585	889.24701	100.0000	Vit E Alpha-Toco
3	19.055		0.0000	0.0000	0.0000	Vit E Beta-Toco
4	20.650		0.0000	0.0000	0.0000	Vit E Gamma-Toco
5	32.304		0.0000	0.0000	0.0000	Vit E Delta-Toco
<b>Total</b>				<b>889.24701</b>		

UV-VIS SPECTROSCOPY QUALITATIVE ANALYSIS\*

Vitamin E USP Constituents	Mass (mg) per cap	Mass (mg) weighed	ppm expected	Final Vol (L)	Area	Result ppm	%	Result mg/serving
<b>d-Tocopherol</b>	100	163.6	163.60	1.000	889.25	114.99	0.70827	<b>70.827</b>

\* Due to volume turnover, this report is not lot specific. It is representative of the quality of this raw material produced by the manufacturer of this product. Specific lots may vary slightly as is the case in natural products.

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.

