

## Certificate of Analysis

---

**Product Name:** DARTANOL™

**Lot #:** 0332HA

**Vigon Code:** 504110

**Date of Manufacture:** 02/08/2017

**Purchase Order #:** EMAIL01192017

**Date of Last Analysis:** 02/09/2017

**Cust Item #:**

**Best if Used By:** 08/08/2018

<u>Characteristic</u>	<u>Result</u>	<u>Specification</u>
ACID VALUE	0.200	0.000 - 3.000
PURITY% (SUM OF ISOMERS)	98.40	95.00 - 100.00
GAS CHROMATOGRAPH	PASSES TEST	PASSES TEST
OPTICAL ROTATION (@20C)	-2.80	-5.00 - 0.00
ODOR	PASSES TEST	CHARACTERISTIC STRONG ODOR.
REFRACTIVE INDEX (@20C)	1.4880	1.4840 - 1.4900
SPECIFIC GRAVITY (@25C)	0.9150	0.9110 - 0.9190
COLOR/APPEARANCE	PASSES TEST	COLORLESS LIQUID.

### Additional Product Information

Flash Point: >200

Shelf Life: 18 Months

Storage Conditions: Stable when stored in its original package, tightly sealed in a cool (46-90°F) and dry location out of direct heat and light.

Sincerely,



Chrissy Campos  
Quality Control Supervisor

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests in order to assure the suitability of this product for its application and to comply with all relevant legal requirements for any goods into which this product is incorporated. The values and specifications are valid for the time of analysis.

---

**Vigon International, Inc.**

127 Airport Road East Stroudsburg, PA 18301-9629 USA | Tel: +1 570-476-6300 | Fax: +1 570-476-1110 | Email: regulatory@vigon.com | Web: vigon.com