



# CERTIFICATE OF ANALYSIS

## O-Phthalaldehyde (OPA)

O120

Product: o-phthalaldehyde (OPA)  
Part Number: O120  
Lot Number: 108015  
Production Date: 15 Aug 2011  
Expiration Date: 12 Aug 2014

Primary Application: Reagent for Post-column analysis.

Acceptance Criteria:

- 1. Color : Yellow (Y/N)
- 2. Texture: Dry Crystals (Y/N)
- 3. Yellowish color when dissolved in methanol (Y/N)
- 4. Carbamates peak areas meet specification (Y/N)

Y  
Y  
Y  
Y

Sample: Carbamate Test Mixture, PN:1700-0063

Storage Conditions: Dry at 8°C to 25°C

Analysis Certified by:

*Jim Murphy*  
VP OPR  
Title

Date:

20 Sep 2011

**ACCEPTED**

PICKERING LABORATORIES, INC.  
QUALITY ASSURANCE