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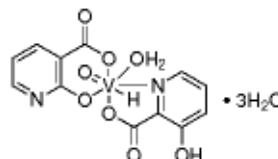
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

VO-OHpic trihydrate - ≥98% (HPLC), solid

**Product Number:** V8639  
**Lot Number:** 071M4615V  
**Brand:** SIGMA  
**CAS Number:** 476310-60-8  
**Formula:** C<sub>12</sub>H<sub>9</sub>N<sub>2</sub>O<sub>8</sub>V · H · 3H<sub>2</sub>O  
**Formula Weight:** 415.2 g/mol  
**Storage Temperature:** Store at -20 °C  
**Quality Release Date:** 30 JUL 2011



Test	Specification	Result
Appearance (Color)	Grey, Purple or Blue	Light Grey-Green
Appearance (Form)	Powder	Powder
Elemental Composition C <sub>12</sub> H <sub>9</sub> N <sub>2</sub> O <sub>8</sub> V.H+ .3H <sub>2</sub> O	Pass	Pass
Purity (HPLC)	≥ 98 %	98 %
Identity	Confirmed	Conforms

Brendan Nye, QC Team Leader  
 Quality Control  
 Natick, Massachusetts US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.