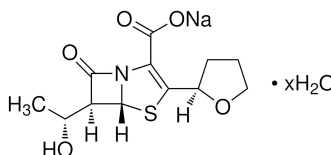


## Certificate of Analysis

**Product Name :** Faropenem sodium hydrate ≥98% (HPLC)  
**Product Number :** F8182-50MG  
**Batch Number :** 0000039676  
 Source Batch : 016M4708V  
 CAS Number : 122547-49-3 (anhydrous)  
 Storage Temperature : Freezer -20°C  
 Molecular Formula : C<sub>12</sub>H<sub>14</sub>NNaO<sub>5</sub>S · xH<sub>2</sub>O  
 Formula Weight : 307.30(anhydrous basis)  
 Quality Release Date : 12 Jan 2016



Test	Specification	Result
Appearance (Color)	White to Light Brown	White
Appearance (Form)	Powder	Powder
Elemental Composition C <sub>12</sub> H <sub>14</sub> NNaO <sub>5</sub> S · xH <sub>2</sub> O	Pass	Pass
Purity (HPLC)	≥ 98.0 %	100.0 %
Identity	Confirmed	Confirmed
ELEMENTAL ANALYSIS X VALUE H <sub>2</sub> O (moles)	0.0 - 3.0	2.7

Brendan Nye, QC Supervisor

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](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale.