



## Certificate of Analysis

### Ertapenem Sodium Salt

**Catalog Number:** ES1003  
**Lot Number:** 0906810  
**CAS Number:** 153773-82-1  
**Molecular Formula:**  $C_{22}H_{24}N_3O_7S \cdot Na$   
**Molecular Weight:** 497.50  
**Storage:** -20°C  
**Date of Manufacture:** June 25, 2018  
**Retest Period:** June 24, 2019

Test	Specification	Result
Appearance	Light yellow powder	Conforms
Assay	≥ 90.0%	93.5%
Purity (HPLC)	≥ 90.0%	90.4%
Identification (HPLC)	Retention time matches standard	Conforms
pH	4.0 – 7.0	5.51
Moisture	15.0 – 19.0%	18.3%
Heavy Metals	≤ 20ppm	< 20ppm

Approved by:

Date: September 7, 2018

John Grubb, PhD  
Gojira Fine Chemicals, LLC  
Quality Manager  
Tel: 440-539-7033 Fax: 888-211-5523  
[john@gojirafc.com](mailto:john@gojirafc.com)