



## CERTIFICATE OF ANALYSIS

### CEFOTAXIME SODIUM SALT

<b>SYNONYMS</b>	: Cephotaxime; Sym-methoxyimino Cephalosporin; Claforan		
<b>PRODUCT CODE (SKU)</b>	: 40310008-1	<b>MOLECULAR FORMULA</b>	: $C_{16}H_{16}N_5NaO_7S_2$
<b>PRODUCT SIZE</b>	: 5 g	<b>MOLECULAR WEIGHT</b>	: 477.45 g/mol
<b>CAS NUMBER</b>	: 64485-93-4	<b>STORAGE TEMP.</b>	: 2-8°C
<b>LOT NUMBER</b>	: V18040303	<b>REASSAY/ EXP DATE</b>	: 07/2020

PROPERTIES	SPECIFICATIONS	TEST RESULTS
<b>Appearance:</b>	Crystalline Solid	PASS
<b>Color:</b>	White to Off-White	PASS
<b>Assay:</b>	916 - 964 µg/mg	925 µg/mg
<b>Solubility:</b>	Clear (Water)	PASS
<b>Optical rotation:</b>	+58.0 - +64.0°	+61.0°
<b>pH:</b>	4.5-6.5	5.3
<b>Loss on drying:</b>	<= 3.0%	1.9%
<b>Bacterial Endotoxin:</b>	< 0.2 EU/mg	< 0.2 EU/mg
<b>HPLC:</b>	Conforms to Standard	PASS
<b>IR:</b>	Conforms to Standard	PASS
<b>Sterility:</b>	Sterile	PASS
<b>Total Impurities:</b>	<= 3.0%	1.91%

APPROVED BY:

DATE:  
05-07-2018

Kayleigh Humphries  
Quality Assurance

CREATION DATE: 05-07-2018 PRINT DATE: 03-13-2020

The above information is based upon data received from our supplier or our quality control measurements.



P: 614.792.8680  
F: 614.792.8680  
E: info@plantmedia.com  
W: www.plantmedia.com

plantmedia  
4150 Tuller Road  
Suite 228  
Dublin, OH 43017