



Certificate of Analysis

Moxalactam Sodium Salt JP

Catalog Number: MO1002
Lot Number: 0803701
CAS Number: 64953-12-4
Synonym(s): Latamoxef Sodium
Molecular Formula: $C_{20}H_{18}N_6Na_2O_9S$
Molecular Weight: 564.44
Storage: 2°C – 8°C
Date of Manufacture: May 13, 2017
Retest Date: May 12, 2018
New Retest Date: November 12, 2018

Test	Specification	Result
Appearance	White to light yellow powder	Conforms
Potency	$\geq 830\mu\text{g}/\text{mg}$	863 $\mu\text{g}/\text{mg}$
Identification (FTIR)	To match reference spectra	Conforms
Solubility (50mg/mL H ₂ O)	Clear to slightly hazy	Conforms
pH	5.0 – 7.0	6.0
Moisture	$\leq 5.0\%$	3.4%
Isomer	0.8 – 1.4	1.1
Residual Solvents	To meet requirements	Conforms
Bacterial Endotoxin	$\leq 0.05\text{EU}/\text{mg}$	< 0.05EU/mg
This lot meets the specifications for JP16.		

Approved by:

Date: August 10, 2017

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