



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-278819  
Lot Number: SAMPLE  
Product Name: Cefodizime sodium  
CAS Number: 86329-79-5  
Molecular Formula:  $C_{20}H_{18}N_6O_7S_4 \cdot 2Na$   
Molecular Weight: 628.63

Test	Specification	Result
Appearance	White to yellowish powder or crystalline powder	White powder
Assay	$\geq 92\%$	93.0%
Identification	Conforms (CP2010)	Complies
pH	5.5 - 7.5	6.7
Solution (Clarity)	Clear or no more turbid than reference suspension 1	0.5
Extinction Coefficient	305 - 335	308
Degree of Coloration	Should be less colored than the yellow or yellowish-green reference solution 9	<7
Optical Rotation	-55° ~ -62°	-61°
Heavy Metals	$\leq 20$ ppm	Complies
Related Substances	Single impurity $\leq 1.0\%$ Total impurities $\leq 1.5\%$ $\leq 1.5\%$	0.2% 0.5% 1.1%
Water Content	$\leq 4.0\%$	2.2%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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