



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-234293  
Lot Number: SAMPLE  
Product Name: Ceftriaxone  
CAS Number: 80370-57-6  
Molecular Formula:  $C_{19}H_{17}N_5O_7S_3$   
Molecular Weight: 523.56

Test	Specification	Result
Appearance	Off-white to yellowish crystalline powder	Complies
Assay	$\geq 98\%$	101.0%
Identification (HPLC)	Confirms to structure	Complies
Particle Size	$\leq 10$ microns (90%)	Complies
Residue on Ignition	$\leq 0.3\%$	0.25%
Solubility	Insoluble in water, slightly soluble in acetone, practically soluble in ethanol	Complies
Heavy Metals	$\leq 20$ ppm	Complies
Related Substances	Total related substances $\leq 3.0\%$	0.65%
Water Content	$\leq 3.0\%$	1.19%

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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