



Certificate of Analysis

Cefotetan

Catalog Number: CE1002
Lot Number: 0506601
CAS Number: 69712-56-7
Synonym(s): (6R,7S)-7-[[[4-(2-Amino-1-carboxy-2-oxoethylidene)-1,3-dithietan-2-yl]carbonyl]amino]-7-methoxy-3-[[[(1-methyl-1H-tetrazol-5-yl)thio]-methyl]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid
Molecular Formula: C₁₇H₁₇N₇O₈S₄
Molecular Weight: 575.62
Storage: < -20°C
Date of Manufacture: April 26, 2016
Retest Date: April 25, 2017

Test	Specification	Result
Appearance	White to off-white to pale yellow powder	Conforms
Assay	≥ 96%	98.3%
Potency	830-950ug/mg	932ug/mg
Melting Point	173°C – 178°C	175.8°C
Solubility	DMSO, MeOH (sparingly)	Conforms

Approved by:

Date: May 6, 2016

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