



Certificate of Analysis

Cefsulodin Sodium Salt

Catalog Number: CL1003
Lot Number: 0121904
CAS Number: 52152-93-9
Molecular Formula: $C_{22}H_{19}N_4NaO_8S_2 \cdot xH_2O$
Molecular Weight: 554.53 (Anhydrous)
Storage: 2° to 8° C
Manufacture Date: January 2, 2019
Retest Date: January 1, 2021

Test	Specification	Result
Appearance	White to light yellow powder	Conforms
Potency (Anhydrous)	$\geq 850\mu\text{g}/\text{mg}$	1219 $\mu\text{g}/\text{mg}$
Assay	$\geq 86.0\%$	90.1%
Chromatographic Purity	$\geq 98.0\%$	98.8%
Specific Rotation	+16.5° to 20.0°	+18.2°
Moisture (KF)	$\leq 5.0\%$	1.8%
Isonicotinic Acid Amide	$\leq 1.0\%$	0.25%
Total of Other Impurities	$\leq 1.5\%$	0.82%

Approved by:

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Date: January 22, 2019