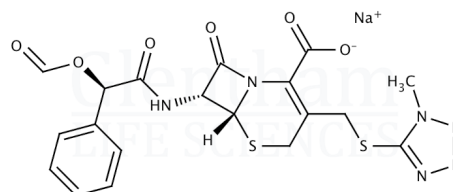


Certificate of Analysis

Product Name	Cefamandole nafate
Glentham Code	GA7688
CAS Number	42540-40-9
PubChem SID	310269454
MDL Number	MFCD00864877
Additional CAS	34444-01-4
Additional CAS	30034-03-8 (Na salt)
Additional CAS	58648-57-0 (Li salt)
Batch Number	907UUY



Molecular Weight	512.49
Molecular Formula	C ₁₉ H ₁₇ N ₆ O ₆ S ₂ Na
Storage Temp.	-20°C

Property	Specification	Batch 907UUY
Physical Description	White to off-white powder	Conforms
pH (10% in water)	3.5 - 7.0	5.1
Specific Optical Rotation ([α] ₂₀ /D)	-35.0 - -44.0 °	-40.4°
Water	≤ 5.0%	0.43%
Potency (anhydrous basis)	810 - 1000 µg/mg (of C ₁₈ H ₁₈ N ₆ O ₅ S ₂)	895 µg/mg

Specification Version	v1.0
Manufacture Date	2019-01-20
Re-Test Date	2026-04-05

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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