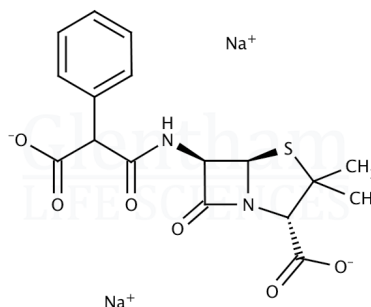


Certificate of Analysis

Product Name	Carbenicillin disodium salt
Glentham Code	GA1299
CAS Number	4800-94-6
EINECS	225-360-8
MDL Number	MFCD00077683
Additional CAS	4697-36-3 (non-salt)
PubChem SID	310269298
Batch Number	185ZIN

Molecular Weight	422.36
Molecular Formula	$C_{17}H_{16}N_2Na_2O_6S$
Storage Temp.	+4°C



Property	Specification	Batch 185ZIN
Physical Description	White to pale yellow crystalline powder	Pale yellow crystalline powder
Solubility (5% in water)	Clear, colourless to pale yellow solution	Clear, colourless solution
pH	5.5 - 7.5	6.4
Related Substances	Penicillin G: $\leq 5.0\%$	0.3
Water	$\leq 6.0\%$	4.5%
Assay	89.0 - 109.0 % (dried basis)	103.0%

Specification Version	v1.1
Manufacture Date	2024-02-13
Re-Test Date	2027-02-11

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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