

## Product Datasheet

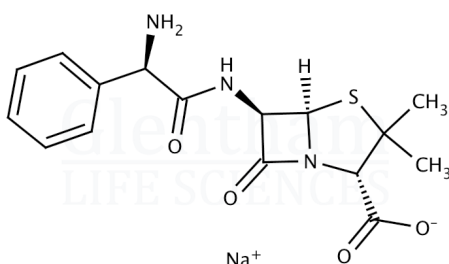
### GA2189 - Ampicillin sodium salt, EP grade

#### Product Details

Product Name	Ampicillin sodium salt, EP grade
Glentham Code	GA2189
CAS Number	69-52-3
EINECS	200-708-1
MDL Number	MFCD00064313
Additional CAS	69-53-4
Related Categories	APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Reagents for Gel Electrophoresis of Proteins, Antimicrobials, Beta-Lactam Antibiotics

#### Structure

Molecular Weight	: 371.39
Molecular Formula	: C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> NaO <sub>4</sub> S



#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, Skin Sens. 1, Eye Irr. 2A, Resp. Sens. 1, STOT SE 3, STOT SE 3
Signal Word	Danger
Hazard Codes	H315, H317, H319, H334, H335, H336
Precautionary Codes	P302+P350, P280, P305+P351+P338, P342+P311, P261
Pictograms	

#### Glentham Product Specification

Physical Description	: White or almost white crystalline powder
Identification	: A, B, C, D according to EP
Appearance of Solution	: Solutions A, B to pass test
Absorbance	: ≤ 0.15 (solution B, 430nm)
Solubility (5% in water)	: Clear, colourless to very faint yellow solution
pH (10% in water)	: 8.0 - 10.0
Specific Optical Rotation	: +258 - +287 ° (anhydrous substance)
Ampicillin Dimer	: ≤ 4.5%
Any Other Individual Impurity	: ≤ 2.0%
N,N-Dimethylaniline	: ≤ 20ppm
2-Ethylhexanoic acid	: ≤ 0.8%
Methylene Chloride	: ≤ 0.2%
Heavy Metals	: ≤ 20ppm
Water	: ≤ 2.0%
Assay	: 91.0 - 102.0 % (anhydrous substance)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

#### About Ampicillin sodium salt, EP grade

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No further details on record.