

## CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Ampicillin Sodium Salt
GRADE:	USP30
CAS NO.	69-52-3
BATCH NO.	25/MFM/3212
EXPIRY DATE:	March 2028
MOLECULAR FORMULA:	C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> O <sub>4</sub> SnA
MOLECULAR WEIGHT:	371.4
STORAGE CONDITIONS:	2 – 8 Deg C

TESTS	SPECS	RESULTS
Description	White or almost white crystalline powder	White crystalline powder
Identification	A, B Positive reaction	Positive
Appearance of solution	Clear, colourless solution	Complies
Water	NMT 2.0%	0.6%
pH	8.0 to 10.0	9.1
Dimethylamine	NMT 0.002%	Not detected
Methylene Chloride	NMT 0.2%	0.01%
Residual solvents	Meets the requirements	Complies
Bacterial Endotoxins	< 0.15 IU/mg	Complies
Assay (Dried Basis)	845 to 988 µg/mg (as C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub> S)	910 µg/m

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10<sup>th</sup> October 2025