



NANJING SUNSHINE BIOTECH CO., LTD.

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Certificate of Analysis

Product Name	POLYMYXIN B BASE CAS NO. 1404-26-8		
Manufacture Date	2024/07/07	Quantity	20.5Kg
Batch Number	20240606	Expiry Date	2027/07/06

ITEMS	STANDARD	TEST RESULT
Appearance	Almost white powder	Conforms
Identification (by HPLC)	The retention time of sample is similar with the reference standard	Conforms
Loss on drying	Not more than 6.0%	4.46%
Sulphate ash	Not more than 3.0%	1.24%
Composition of Polymyxins	Sum of polymyxin B1,B2,B3 and B1-I: Not less than 85.0%	93.19%
	B3: Not more than 4.0%	1.34%
	B1-I: Not more than 10.0%	4.29%
Related Substances (HPLC)	Any individual impurity: Not more than 3%	2.10%
	Total impurities: Not more than 17%	7.14%

Conclusion Conform to the **in-house** Standard

Storage Preserve in well-closed, light-resistant & tight containers; in cool & dry place.

SURVEYOR: LIYONG

CHIEF INSPECTOR: LIHONG

