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Product Specifications

Catalogue Number	01511
Product	Polymyxin B sulfate salt
CAS Number	1405-20-5
Molecular Formula	$C_{55}H_{96}N_{16}O_{13} \cdot 2H_2SO_4$
Molecular Weight	1385
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Appearance	White to almost white powder
pH	5.0 - 7.5
Loss on Drying	$\leq 7\%$ (60 °C, 3h)
Related Substances	Any individual impurity : $\leq 3\%$ Total impurities : $\leq 17\%$
Residue On Ignition	$\leq 5\%$
Potency (Anhydrous Basis)	≥ 6000 IU/MG (Microbial on dried basis)
Grade	Meets USP specification
Storage	Store at 0 - 8 °C
Pyrogen	To pass test
Additional Information	Identification : Test for A : Test for composition for Polymyxins : To pass test Test for B : Reddish violet color may produce. Test for C : Test for sulfate : To pass test Composition of Polymyxins : Sum of Polymyxin B1, B2, B3 and B1-I : $\geq 80\%$ Polymyxin B3 : $\leq 6\%$ Polymyxin B1-I : $\leq 15\%$ Sterility test : To pass test

For Laboratory Use Only