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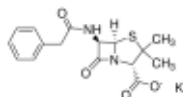
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Certificate of Analysis

Product Name:

Penicillin G potassium salt - meets USP testing specifications, powder

Product Number: P8721
Batch Number: 038M4849V
Brand: SIAL
CAS Number: 113-98-4
Formula: C₁₆H₁₇KN₂O₄S
Formula Weight: 372.5 AMU
Quality Release Date: 25 JAN 2018
Recommended Retest Date: JAN 2020



Test	Specification	Result
Identity	Pass	Pass
Crystallinity	Pass	Pass
pH	5.0 - 7.5	5.9
60mg/ml in H ₂ O		
Loss on Drying	≤ 1.5 %	0.1 %
Residual Solvents USP 467	Meets Requirements	Meets Requirements
Assay	1440 - 1680	1591
Expressed in u/mg		

Theo Ackermann PhD MScEng CQM
Manager, Quality and Regulatory Affairs
Jerusalem, Israel IL

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.