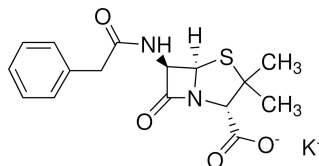


# Certificate of Analysis

**Product Name :** Penicillin G potassium salt powder, BioReagent, suitable for cell culture  
**Product Number :** P7794-100MU  
**Batch Number :** 0000472372  
**Source Batch :** 985MDN  
**CAS Number :** 113-98-4  
**MDL Number :** MFCD00036193  
**Molecular Formula :** C<sub>16</sub>H<sub>17</sub>KN<sub>2</sub>O<sub>4</sub>S  
**Formula Weight :** 372.48 g/mol  
**Recommended Retest Date :** Jun 2027  
**Quality Release Date :** 07 Aug 2022



Test	Specification	Result
Appearance (Form)	Pass	Pass
Crystalline powder		
Appearance (Color)	Pass	Pass
White to Off-White		
Identification by IR	Conforms	Conforms
pH	5.0 - 7.5	7.0
(6% H <sub>2</sub> O, 25°C)		
Loss on Drying	≤ 1.5 %	0.1 %
Potency	1440 - 1680	1603
u/mg		
Results Provided by Supplier	-----	-----
Cell Culture Test	Pass	Pass
Tested by Releasing Site	-----	-----
Managed by	Recommended Retest Period	Recommended Retest Period
Shelf Life Defined by Supplier	-----	-----
Handled & Packed Under ISO9001	-----	-----

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](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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**Product** P7794-100MU  
**Batch** 0000472372



Anna Bendersky, Quality Control Manager  
Quality Control  
Israel  
IL

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