



Specification

Bisacrylamide 2K Standard, pure

A1096

Physical Description:	Solid
Product Code:	A1096
Product Name:	Bisacrylamide 2K Standard, pure
Specifications:	Assay (HPLC): min. 98 % Water (K.F.): max. 1 % A (1 cm/1 % in H ₂ O) 310 nm: max. 0.25 290 nm: max. 0.5
Hazard pictograms	 
WGK:	1
Storage:	2 - 8°C
Signal Word:	Danger
GHS Symbols:	GHS07 GHS08
H Phrases:	H302 H372
P Phrases:	P264 P270 P301+P312 P314 P330 P501

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Specification

Bisacrylamide 2K Standard, pure

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Molecular Formula:	C ₇ H ₁₀ N ₂ O ₂
M:	154.17 g/mol
CAS:	110-26-9
EINECS:	203-750-9
CS:	29241900
Comment Polyacrylamide gels are formed by the polymerization of acrylamide and the cross-linking by a bifunctional agent, usually N,N'-Methylenebisacrylamide. The porosity of the gel is determined by the concentration of acrylamide and the ratio of acrylamide \: cross-linker. Bisacrylamide is more hydrophobic than acrylamide, but can be dissolved in lukewarm water. Like acrylamide all solutions of bisacrylamide should be filtered.	
Bibliography (1)Ogden, R.C. & Adams, D.A. (1987) <i>Methods Enzymol.</i> 152 , 61-87 Electrophoresis in agarose and acrylamide gels. (2)Sambrook, J., Fritsch, E.F. & Maniatis, T. (1989) <i>Molecular Cloning</i> : A Laboratory Manual, 2nd Edition; Page 6.36. Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York. (3)Ausubel, F.A., Brent, R., Kingston, R.E., Moore, D.D., Seidman, J.G., Smith, J.A. & Struhl, K. (eds.) (1995) <i>Current Protocols in Molecular Biology</i> . Greene Publishing & Wiley-Interscience, New York.	

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