

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02876
Lot Number	001204-31016125008
Product	Ampicillin trihydrate D-(-)- α -Aminobenzylpenicillin 6-[D-(-)- α -Aminophenylacetamido]penicillanic acid
CAS Number	7177-48-2
Molecular Formula	C ₁₆ H ₂₅ N ₃ O ₇ S
Molecular Weight	403.4

Appearance	White practically odorless crystalline powder
Solubility	Slightly soluble in water and in Methanol, insoluble in benzene, in carbon tetrachloride, and in chloroform
Crystallinity	Conforms to the standard
Water Content (Karl Fisher)	13.6%
pH	4.7
Residual Solvents	Dimethyl aniline (GC): Conforms to the standard Not used in the process
Purity by HPLC	998 mcg/mg (C ₁₆ H ₁₉ N ₃ O ₄ S, anhydrous basis)
Grade	USP29
Storage	Store at 0-8 °C
Additional Information	Identification: Conforms to the standard
Manufacturing Date	12/2/2016
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager