

Certificate of Analysis

Product Name: Clavulanic Acid Potassium w/ Cellulose (1:1)
Cat #: C-890
CAS #: 61177-45-5; 9004-34-6
Lot #: Lot Specific
Retest Date: Lot Specific
Storage:[†] Store desiccated at 4°C.

Test	Specs	Results
Appearance	white or almost white powder	almost white powder
Identifications	Positive	conforms
Water	NMT 2.5%	0.5%
pH	4.8-8.0	6.4
Absorbance (278 nm)	NMT 0.4	0.083
n-Butanol	NMT 5000 ppm	644 ppm
Acetone	NMT 5000 ppm	None detected
Related Substances		
- Impurity E	NMT 1.0%	None detected
- Impurity G	NMT 1.0%	None detected
- Any impurity	NMT 0.2%	0.07%
- Total impurities	NMT 2.0%	0.12%
Assay (on Dried Basis) (Clavulanic acid potassium)	48.0 - 53.5%	50.4%

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

[†] Storage at listed temperature applies to retest date (if shown) or two years from purchase date. Check label for long term storage conditions, which may extend the product beyond the retest date and/or greater than two years from purchase.

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