



## Product Specification

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

| Test                                                                                                                                                   | Specifications                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Appearance                                                                                                                                             | white or almost white powder                 |
| Identifications                                                                                                                                        | Positive                                     |
| Water                                                                                                                                                  | NMT 2.5%                                     |
| pH                                                                                                                                                     | 4.8-8.0                                      |
| Absorbance (278 nm)                                                                                                                                    | NMT 0.4                                      |
| n-Butanol                                                                                                                                              | NMT 5000 ppm                                 |
| Acetone                                                                                                                                                | NMT 5000 ppm                                 |
| Related Substances <ul style="list-style-type: none"><li>- Impurity E</li><li>- Impurity G</li><li>- Any impurity</li><li>- Total impurities</li></ul> | NMT 1.0%<br>NMT 1.0%<br>NMT 0.2%<br>NMT 2.0% |
| Assay (on Dried Basis)<br>(Clavulanic acid potassium)                                                                                                  | 48.0 - 53.5%                                 |

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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