



## Certificate of Analysis

### Timentin Solution (100mg/mL)

**Catalog Number:** TQL01  
**Lot Number:** 05161022  
**CAS Number:** 86482-18-0  
**Storage:** -15°C to -20°C  
**Date of Manufacture:** May 16, 2016  
**Retest Date:** May 16, 2018

Test	Specification	Result
Appearance	Clear, light yellow solution	Conforms
pH	Record	6.70
Osmolality	Record	742mM/kg
Cell Culture Functionality	Inhibits growth of <i>Agrobacterium tumefaciens</i> LBA4404, <i>E. coli</i> JM101 and <i>Bacillus subtilis</i>	Conforms
Plant Cell Culture (Vitis spp., Hostas spp., Musa acuminata, Solanum tuberosum)	Plant growth with no morphological abnormalities	Conforms
Sterility Aerobic Anaerobic	Negative Negative	Negative Negative
Additional Information:		
Timentin Assay (Dry Basis): Ticarcillin @ 80.90%, Clavulanic acid @ 5.20%		
Moisture 2.4%		
Adjusted concentration: 103.5mg/mL		

Approved by:

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