



## CERTIFICATE OF ANALYSIS

**PRODUCT:** **D-*myo*-Inositol 1,3,4-Trisphosphate**  
**Potassium Salt, synthetic; [Ins(1,3,4)P<sub>3</sub>]**  
C<sub>6</sub>H<sub>9</sub>O<sub>15</sub>P<sub>3</sub>K<sub>6</sub>.11H<sub>2</sub>O, M.W. 648 of anhydrous form  
CAS# [140385-74-6]

**PRODUCT NUMBER:** D-1023

**LOT NUMBER:** B1113

**APPEARANCE:** Lyophilized powder

**SOLUBILITY:** Soluble in water

**PURITY:** > 98%

**pH:** 8.2 when dissolved in water.

**PURITY:** > 98% (detection limits by <sup>1</sup>H-NMR & <sup>31</sup>P-NMR)

**STORAGE & HANDLING:** Store tightly sealed at -20°C and under argon gas.  
***HYGROSCOPIC!***

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT