



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-300413  
Lot Number: SAMPLE  
Product Name: D-myo-Inositol 1,4,5-tris-phosphate trisodium salt  
CAS Number:  
Molecular Formula:  $C_6H_{12}O_{15}P_3Na_3$   
Molecular Weight: 486.04

Test	Specification	Result
Appearance	White powder	Complies
Assay	$\geq 95\%$ (by $^1H$ NMR and TLC)	95%
Enantiomeric Excess	$\geq 98\%$ (by $^1H$ NMR and TLC)	98%
Identification ( $^{31}P$ -NMR)	Consistent with structure	Complies
Phosphorus	14.8 - 19.6%	16.0%
Potassium	$\leq 0.2\%$	0.2%
Sodium	12.5 - 16.0%	14.2%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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