



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-263091  
Lot Number: SAMPLE  
Product Name: Dihydroergotamine (+)-tartrate salt  
CAS Number: 5989-77-5  
Molecular Formula:  $(C_{33}H_{37}N_5O_5)_2 \cdot C_4H_6O_6$   
Molecular Weight: 1317.44

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (TLC)	$\geq 98\%$	99%
Solubility	Colorless to lightly yellow and clear solution at 50 mg/ml in $CHCl_3$ :EtOH(1: 1)	Clear colorless solution at 50 mg/ml in $CHCl_3$ :EtOH(1: 1)
Carbon Content	62.0 - 65.1%(anhydrous)	63.6%
Nitrogen Content	10.4 - 10.8%(anhydrous)	10.7%
Water Content (KF)	$\leq 5.0\%$	3.8%

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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