



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202835A
Lot Number: SAMPLE
Product Name: Theophylline
CAS Number: 58-55-9
Molecular Formula: $C_7H_8N_4O_2$
Molecular Weight: 180.16

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (FTIR)	Consistent with the structure	Consistent with the structure
Identification (NMR)	Consistent with the structure	Consistent with the structure
Identification (Mass Spectrometry)	Consistent with the structure	Consistent with the structure
Purity (HPLC)	$\geq 98\%$	99.4%
Melting Point	269-274°C	271-274°C

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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