



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215966
Lot Number: SAMPLE
Product Name: Thiamine pyrophosphate
CAS Number: 154-87-0
Molecular Formula: $C_{12}H_{19}N_4O_7P_2S$
Molecular Weight: 460.77

Test	Specification	Result
Appearance		White powder
Identification	Passes	Complies
Identification (FTIR)	Consistent with standard	Complies
Purity	$\geq 93\%$	96.7%
Melting Point	225 - 235 °C	226.4 - 227.1 °C
pH	~2.0	2.09
Heavy Metals (Pb)		< 10 ppm
Loss on Drying		1.1%
Chloride		7.7%
Sulfate		< 0.01%

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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