



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-203223  
Lot Number: SAMPLE  
Product Name: Pterostilbene, Pterocarpus marsupium  
CAS Number: 537-42-8  
Molecular Formula:  $C_{16}H_{16}O_3$   
Molecular Weight: 256.3  
Native Source: *Pterocarpus marsupium*

Test	Specification	Result
Appearance	Off-white or white powder	White powder
Purity (HPLC)	$\geq 99\%$	99.36%
Melting Point	88 - 92 °C	89 - 92 °C
Residue on Ignition	$\leq 0.2\%$	0.08%
Heavy Metals	$\leq 10$ ppm	Complies
Loss on Drying	$\leq 0.2\%$	0.13%
Moisture	$\leq 0.2\%$	0.04%
Single Impurity	$\leq 0.1\%$ (exclude one homologue)	0.04% (exclude one homologue)
Arsenic	$\leq 1.0$ ppm	Complies
Chromium	$\leq 1.0$ ppm	Complies
Lead	$\leq 1.0$ ppm	Complies
Mercury	$\leq 1.0$ ppm	Complies

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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