



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-208442
Lot Number: SAMPLE
Product Name: TMB (3,3',5,5'-Tetramethylbenzidine)
CAS Number: 54827-17-7
Molecular Formula: $C_{16}H_{20}N_2$
Molecular Weight: 240.34
Native Source: Synthetic

Test	Specification	Result
Appearance	Off-white powder	Complies
Identification	Pass	Complies
Identification (FTIR)	Consistent with standard	Complies
Purity	$\geq 99\%$	99.8%
Melting Point	165°C - 170°C	166.5°C - 167.2°C
Residue on Ignition (ash)		< 0.05%
Heavy Metals		2 ppm
Loss on Drying		0.36%

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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