



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203414
Lot Number: SAMPLE
Product Name: Trichloroacetic acid
CAS Number: 76-03-9
Molecular Formula: $C_2HCl_3O_2$
Molecular Weight: 163.39

Test	Specification	Result
Appearance	White to colorless crystalline powder	White crystalline powder
Purity	$\geq 98.5\%$	99.84%
Melting Point	54 - 58 °C	55.5 °C
Residue after Ignition	$\leq 0.3\%$	0.014%
Solution	Clear colorless solution	Complies
Heavy Metals	$\leq 0.002\%$	$< 0.002\%$
Insoluble Matter	$\leq 0.01\%$	$< 0.01\%$
Substance Darkened by Sulfuric Acid	To pass test	Passed test
Chloride	$\leq 0.002\%$	$< 0.001\%$
Iron	$\leq 0.001\%$	$< 0.0005\%$
Nitrate	$\leq 0.002\%$	$< 0.002\%$
Phosphate	≤ 5 ppm	3 ppm
Sulfate	$\leq 0.02\%$	$< 0.001\%$

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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