



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-294297
Lot Number: SAMPLE
Product Name: (-)-Diacetyl-L-tartaric Acid
CAS Number: 51591-38-9
Molecular Formula: $C_8H_{10}O_8$
Molecular Weight: 234.16

Test	Specification	Result
Enantiomeric Excess	$\geq 98.0\%$ (LC)	99.9% (LC)
Purity (Neutralization Titration)	$\geq 98.0\%$	99.8%
Melting Point	119.0 - 122.0 °C	119.0 °C
Solution (Turbidity)	Almost transparency in acetone	Transparency in acetone
Specific Rotation ($\alpha_{20/D}$)	-24.0 - -26.0° (c = 10, acetone)	-25.0°

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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