



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-238729
Lot Number: SAMPLE
Product Name: 4-(4-Hydroxyphenyl)-2-butanone
CAS Number: 5471-51-2
Molecular Formula: $C_{10}H_{12}O_2$
Molecular Weight: 164.20

Test	Specification	Result
Appearance	White solid	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 98.00\%$	99.50%
Melting Point	82.0 - 84.0 °C	83.5 °C
Solution (Color)	Colorless to Lt. yellow or yellow-green at 1g/2ml 96% ethanol	Light yellow
Solution (Turbidity)	Clear to very slightly hazy at 1g/2ml 96% ethanol	Very slightly hazy
Arsenic	≤ 3 ppm	< 1 ppm
Cadmium	≤ 1 ppm	< 1 ppm
Lead	≤ 10 ppm	< 1 ppm
Mercury	≤ 1 ppm	< 1 ppm

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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