



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-222235
Lot Number: SAMPLE
Product Name: (R)-Equol
CAS Number: 221054-79-1
Molecular Formula: $C_{15}H_{14}O_3$
Molecular Weight: 242.3

Test	Specification	Result
Identification (Mass Spectrometry)	M-H+: 241.4	M-H+: 241.4
Purity (HPLC)	≥98%	Retention Time Actual: 6.10 min Purity: 100.0 %
Purity (TLC)	≥98%	Rf: 0.62 Purity %: 100.00
Melting Point	188-194°C	190-194° C
Infrared Spectrum	Conforms with standard	Complies
λmax	225, 282 nm	224, 281 nm

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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