



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252816
Lot Number: SAMPLE
Product Name: Europium tris[3-(heptafluoropropylhydroxymethylene)-(+)-camphorate]
CAS Number: 34788-82-4
Molecular Formula: $C_{42}H_{42}EuF_{21}O_6$
Molecular Weight: 1193.71

Test	Specification	Result
Appearance	Yellow to yellow orange to gold powder	Yellow powder
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solubility	Clear to very slightly hazy and dark yellow solution at 50 mg/ml in $CHCl_3$	Very slightly hazy and dark yellow solution at 50 mg/ml in $CHCl_3$
Optical Rotation		122.8° (Confirms positive rotation Conc= 1% in $CHCl_3$)
Carbon Content	41.2 - 42.9%	42.3%

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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