



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-396343
Lot Number: SAMPLE
Product Name: Curcumin β -D-Glucuronide
CAS Number: 227466-72-0
Molecular Formula: $C_{27}H_{28}O_{12}$
Molecular Weight: 544.50

Test	Specification	Result
Appearance	Orange powder	Complies
Identification (1H-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	~ 543.5	543.10
Purity (HPLC)	$\geq 85\%$	88.62%
TLC	Single spot, Rf = 0.5	Complies
Solubility		DMSO
Loss on Drying	< 0.1% (65 °C, 1 hour)	Complies

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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