



# CERTIFICATE OF ANALYSIS

*The Power to Question*

Catalog Number: sc-391844  
Lot Number: SAMPLE  
Product Name: Didemethyl curcumin  
CAS Number: 60831-46-1  
Molecular Formula:  $C_{19}H_{16}O_6$   
Molecular Weight: 340.33  
Native Source: Synthetic

| Test                               | Specification         | Result                               |
|------------------------------------|-----------------------|--------------------------------------|
| Appearance                         | Yellow to Brown Solid | Orange solid                         |
| Identification (NMR)               |                       | Complies                             |
| Identification (Mass Spectrometry) |                       | Complies                             |
| Purity (TLC)                       |                       | 97%                                  |
| Solubility                         |                       | DMSO (Slightly), Methanol (Slightly) |
| Acetic Acid                        |                       | ~1.6%                                |

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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