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**Certificate of Analysis**

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Product Name: Gambogic Acid  
Cat. No.: GC12139  
Batch No.: 1  
Chemical Name: (Z)-4-((1S,3aR,5S,11R,14aS)-8-hydroxy-2,2,11-trimethyl-13-(3-methylbut-2-en-1-yl)-11-(4-methylpent-3-en-1-yl)-4,7-dioxo-2,3a,4,5,7,11-hexahydro-1H-1,5-methanofuro[3,2-g]pyrano[3,2-b]xanthen-3a-yl)-2-methylbut-2-enoic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 2752-65-0  
Molecular Formula:  $C_{38}H_{44}O_8$   
Molecular Weight: 628.75  
Storage: Store at  $-20^{\circ}C$   
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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