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**Certificate of Analysis**

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Product Name: Ethynyl Estradiol 3- $\beta$ -D-Glucuronide  
Cat. No.: GC18461  
Batch No.: 1  
Chemical Name: (17 $\alpha$ )-17-hydroxy-19-norpregna-1,3,5(10)-trien-20-yn-3-yl  $\beta$ -D-glucopyranosiduronic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 60134-76-1  
Molecular Formula: C<sub>26</sub>H<sub>32</sub>O<sub>8</sub>  
Molecular Weight: 472.5  
Storage: Store at -20°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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