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**Certificate of Analysis**

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Product Name: LUF 5834  
Cat. No.: GC11851  
Batch No.: 1  
Chemical Name: 2-(((1H-imidazol-2-yl)methyl)thio)-6-amino-4-(4-hydroxyphenyl)pyridine-3,5-dicarbonitrile

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 333962-91-7  
Molecular Formula: C<sub>17</sub>H<sub>12</sub>N<sub>6</sub>OS  
Molecular Weight: 348.38  
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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