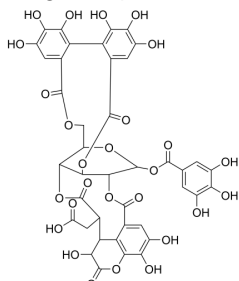


## Certificate of Analysis

<b>Product Name:</b>	Chebulagic acid
<b>Cat. No.:</b>	CS-5820
<b>CAS No.:</b>	23094-71-5
<b>Batch No.:</b>	63214
<b>Chemical Name:</b>	$\beta$ -D-Glucopyranose, cyclic 3,6-[(1R)-4,4',5,5',6,6'-hexahydroxy[1,1'-biphenyl]-2,2'-dicarboxylate] 1-(3,4,5-trihydroxybenzoate), cyclic 2 $\rightarrow$ 2:4 $\rightarrow$ 1-ester with (2S)-2-[(3S,4S)-5-carboxy-3,4-dihydro-3,7,8-trihydroxy-2-oxo-2H-1-benzopyran-4-yl]butanedioic acid

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>41</sub> H <sub>30</sub> O <sub>27</sub>
<b>Molecular Weight:</b>	954.66
<b>Storage:</b>	Storage temp. 2-8°C
<b>Chemical Structure:</b>	

### ANALYTICAL DATA

<b>Appearance:</b>	White to gray (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>MS:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.29%
<b>Conclusion:</b>	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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