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## CERTIFICATE OF ANALYSIS

Analysis Date:

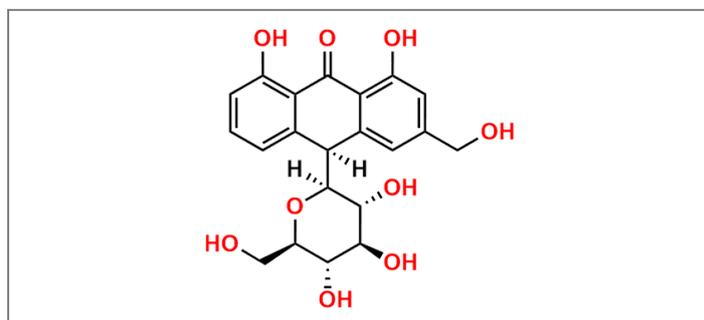
Re-test Date:

**Product Name: Aloin**

### Identification:

Chemical Name: (S)-1,8-Dihydroxy-3-(hydroxymethyl)-10-((2S,3R,4R,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)anthracen-9(10H)-one

Synonyms : Barbaloin  
CAS Number : 1415-73-2  
CAT Number : CP-D19012  
Molecular Formula : C<sub>21</sub>H<sub>22</sub>O<sub>9</sub>  
Molecular Weight : 418.4



### Analytical Information:

| Sr. No. | Test               | Result                   |
|---------|--------------------|--------------------------|
| 1)      | Description        | Solid                    |
| 2)      | Solubility         | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS       | Confirm to structure     |
| 4)      | Purity By HPLC     | >95%                     |
| 5)      | <sup>1</sup> H NMR | Confirm to structure     |
| 6)      | IR                 | Confirm to Structure     |
| 7)      | Weight loss by TGA | -                        |
| 8)      | Potency by TGA     | -                        |



#### Prepared and Reviewed By



Ms Priyanka Salunkhe  
(Quality Control)

#### Approved By



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.