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## CERTIFICATE OF ANALYSIS

Analysis Date:

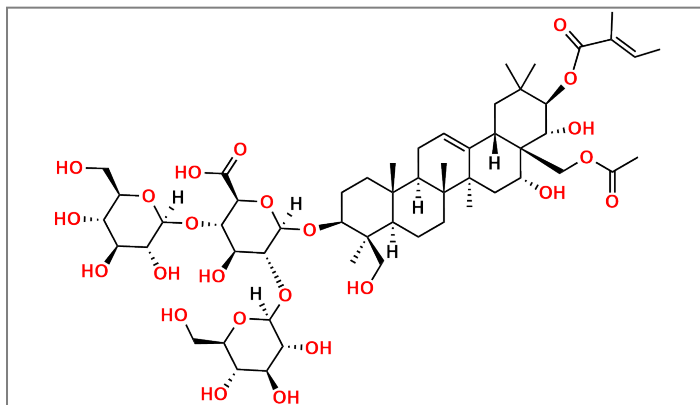
Re-test Date:

**Product Name: Isoescin Impurity A**

### Identification:

Chemical Name: (2S,3S,4S,5R,6R)-6-(((3S,4S,4aR,6aR,6bS,8R,8aR,9R,10R,12aS,14aR,14bR)-8a-(Acetoxymethyl)-8,9-dihydroxy-4-(hydroxymethyl)-4,6a,6b,11,11,14b-hexamethyl-10-(((E)-2-methylbut-2-enyl)oxy)-1,2,3,4,4a,5,6,6a,6b,7,8,8a,9,10,11,12,12a,14,14a,14b-icosahydricen-3-yl)oxy)-4-hydroxy-3,5-bis(((2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2-carboxylic acid

Synonyms : NA  
CAS Number : 219944-39-5  
CAT Number : CP-E104003  
Molecular Formula : C<sub>55</sub>H<sub>86</sub>O<sub>24</sub>  
Molecular Weight : 1131.27



### 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)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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