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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2024

Re-test Date: Jul 2027

**Product Name: 10-hydroxy-2-decenoic acid**

### Identification:

Chemical Name: (E)-10-hydroxydec-2-enoic acid

Synonyms : Royal jelly acid; Royal jelly acid

CAS Number : 14113-05-4

CAT Number : CP-CS1967

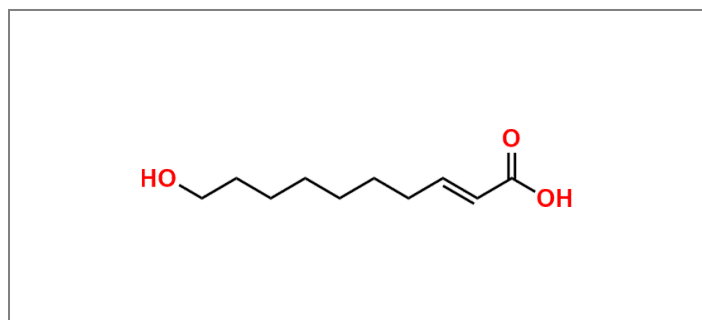
Molecular Formula : C<sub>10</sub>H<sub>18</sub>O<sub>3</sub>

Molecular Weight : 186.25

Batch Number : CP-HDC-ACI-0824

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By GC	99.92%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	0.052 %
9)	Potency by TGA	99.86%



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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