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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2022

Re-test Date: Aug 2025

**Product Name: Propofol EP Impurity J**

### Identification:

Chemical Name: 2,6-bis(1-methylethyl)benzene-1,4-dione

Synonyms : Propofol USP Related Compound B

CAS Number : 1988-11-0

CAT Number : CP-P4010

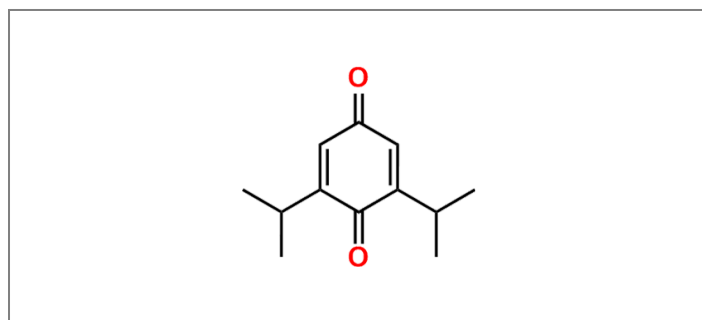
Molecular Formula : C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>

Molecular Weight : 192.26

Batch Number : CHEM-941-IMP-J

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	Yellow to Dark Orange Oil
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	93.07%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**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.