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Certificate of Analysis

Catalogue Number 16988
Lot Number 002474-7-04-1819
Product **7-Hydroxy-3,4-Dihydro-2(1H)-quinolinone**

3,4-Dihydro-7-hydroxycarbostryl

CAS Number 22246-18-0
Molecular Formula C₉H₉NO₂
Molecular Weight 163.18

Appearance Light brown powder
Solubility Sparingly soluble in methanol
Water Content (Karl Fisher) 0.196%
Infrared Spectrum Conforms to structure
Residual Solvents 3-Chloropropionyl Chloride content : Not detected
3-Chloropropionic Acid content : Not detected
m-Aminophenol content : Not detected
Related Substances 7-Hydroxy Carbostryl : 0.073%
6-Hydroxy-3,4-dihydrocarbostryl : Not detected
5-Hydroxy-3,4-dihydrocarbostryl : Not detected
8-Hydroxy-3,4-dihydrocarbostryl : Not detected
Any other impurity : 0.027%
Total impurities : 0.100%
Purity by HPLC 101.089%
Storage Store at 0-8°C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager