

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	10585
Lot Number	000127-1025324
Product	2-Hydroxy-5-dibenzosuberone (2-Hydroxy-10,11-dihydro-5H-dibenzo[a,b]cyclohepten-5-one)
CAS Number	17910-73-5
Molecular Formula	C ₁₅ H ₁₂ O ₂
Molecular Weight	224.26

Appearance	Greyish powder
Solubility	Clear yellow solution (50 mg/mL in Methanol)
Melting Point	142 °C
Water Content (Karl Fisher)	1.4%
TLC System	Toluene/Dioxane/Acetic acid (95:25:4) Ethyl acetate/Hexane (4:5) Plate: silicagel 60 F254 Detected by: UV, ninhydrin, chlorine-tolidine
Assay	97.8% (Elemental analysis: Cth 80.34%, Cfd 78.54%)
Purity by TLC	> 99%
Storage	Store at 0-8 °C
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