



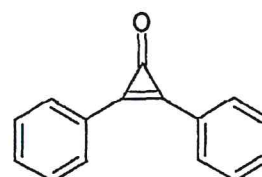
Produktion
Synthese
Entwicklung

Certificate of Analysis

Diphenylcyclopropenon
DPCP
(GMP conform)

Product number 503.01
Lot 35-16-I-95P3117
Formula $C_{15}H_{10}O$
Molecular weight 206.25
CAS-Nr. [886-38-4]

Type of manufacturing: Synthetic
Date of manufacturing: 30th Jan. 2017
Retest date: 29th Jan. 2020
Storage conditions: protected from light at 2 – 8°C



Test	Specification	Result
Appearance (Visual)	White to slight brown Crystalline powder	Complies
Identity (^{13}C -NMR)	Complies with suggested structure	Complies
Identity (1H -NMR)	Complies with suggested structure	Complies
Melting point	118 – 122 °C	121.5 °C
Purity (HPLC)	≥ 98.0	99.9 %
Related substances (HPLC)	single impurity < 1.0 % total impurities < 2.0 %	Complies
Water content (KF)	≤ 8.0 %	0.3 %

Residual solvents (ICH guidelines);
Dichloromethane < 600 ppm
Cyclohexane < 3880 ppm
Ethanol < 5000 ppm

Complies

Quality control
Luckenwalde, Feb. 09th 2017

