



Produktion
Synthese
Entwicklung

Certificate of Analysis

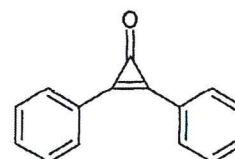
	Product number	503.01
Diphenylcyclopropenon	Lot	35-16-I-95P3117
DPCP	Formula	C ₁₅ H ₁₀ O
(GMP conform)	Molecular weight	206.25
	CAS-Nr.	[886-38-4]

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 (¹ H-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 Cyclohexane Ethanol	< 600 ppm < 3880 ppm < 5000 ppm	Complies

Quality control

Luckenwalde, Feb. 09th 2017