

GRAVIMETRIC CERTIFICATE

31.08.2015

Cat.-No. :	15900-2660-10CY10	Volume :	10 ml
Product name :	Hexachlorobenzene (HCB)	Lot-No. :	0831158
Concentration :	10 µg/ml (± 1,5 %*)	Expiry date :	02/2017 **)
CAS-No. :	118-74-1	Storage :	20°C and dark
Solvent :	Cyclohexane		

Component	Conc. [µg/ml]	Purity	Formula	M [g/Mol]
1. Hexachlorobenzene (HCB)	10 ± 1,5 %	99,0 %	C ₆ Cl ₆	284,78

This Reference Material was processed under Neochema's ISO 9001 registered quality system. Exclusively certificated and chromatographic tested substances were used to produce this standard.

This Reference Material is intended as working reference sample for identification of the contained compounds and their quantification in methods of analysis in residue or environmental analysis.

Traceability has been established through an unbroken chain of comparisons, each having stated uncertainties. Comparisons are based on convenient physical or chemical measurements, including gravimetric or volumetric dilution. The balances used for these measurements are calibrated with weights traceable to national standards, which realize the units of measurement according to the International System of Units (SI). DIN approved glasware is used for the volumetric measurements

The homogeneity is determined according to an in-house procedure. There is no minimum sub-sample required.

Sample aliquots for analysis should be withdrawn at roomtemperature and should be processed without delay for the certified values to persist.

*) Expanded Uncertainty according to EURACHEM / CITAC "Quantifying Uncertainty in Analytical Measurement".

**) The certification of this reference material is valid, within the stated uncertainty, until the above specified expiration date, assumed the reference material is handled and stored professional and in accordance with the instructions given in this certificate. The long term stability may be monitored over the lifetime of the certification according to an in-house procedure. If substantive changes are determined that effect the certification before the expiration of this certificate, Neochema GmbH & Co. KG will notify the purchaser.

The production were coordinated by:

Dipl.-Ing. A. Werner (Technical Manager)

This document was produced electronically and is valid without a signature.