

CHEMISCHE FABRIK BERG Gesellschaft
mit beschränkter Haftung

Chemische Fabrik Berg GmbH . Mainthalstraße 3 . 06749 Bitterfeld-Wolfen . Germany

Analysenzertifikat / Certificate of analysis

Produkt / Product Chloral Hydrate Ph. Eur.	Batch No.: 10224 / 1609B040
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Methode / Method	Anforderungen / Requirements	Ergebnisse / Results
Appearance	colourless crystals	conforms
Identification	positive	positive
Appearance of solution	clear, colourless	conforms
pH	3.5 – 5.5	5.1
Chloral alcoholate	must comply	complies
Chlorides	≤ 100 ppm	9 ppm
Heavy metals	≤ 20 ppm	< 20 ppm
Non-volatile residue	≤ 0.1 %	< 0.1 %
Residual solvents		
Benzene	≤ 2 ppm	< 2 ppm
Toluene	≤ 560 ppm	6 ppm
Chloroform	≤ 60 ppm	< 20 ppm
Assay	98.5 – 101.0 %	99.6 %
Monochloroacetaldehyde	≤ 0.75 ppm (not routinely tested)	n/a
Manufacturing date: 09 / 2016 Retest date: 09 / 2018		

Dr. Raschke / QC
Name / Department

Raschke
Signature / Unterschrift

28/09/2016
Date / Datum

