

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

Analysenzertifikat / Certificate of analysis

Produkt / Product Propylthiouracil Ph. Eur. 7 th Ed.	Batch No.: 10059 / 1006B261
--	-----------------------------

Methode / Method	Anforderungen / Requirements	Ergebnisse / Results
Appearance	white or almost white, crystalline powder	conforms
Identification (Melting Point)	217 – 221 °C	220 °C
Identification (IR)	positive	positive
Thiourea and related substances (TLC)	Thiourea ≤ 0.05 %	< 0.05 %
	Any single related substance ≤ 1.0 %	< 1.0 %
Heavy Metals	≤ 20 ppm	< 20 ppm
Loss on Drying (105 °C)	≤ 0.5 %	0.1 %
Sulphated ash	≤ 0.1 %	< 0.1 %
Residual solvent (methanol)	≤ 0.3 %	< 0.1 %
Assay	98.0 - 100.5 %	98.8 %
Impurities (HPLC)	single impurities ≤ 0.10 %	< 0.05 %
	sum of impurities ≤ 0.5 %	< 0.1 %
Manufacturing date of the oldest batch: 01 / 2009		
Date of blending : 06 / 2010		
Retest date 01 / 2014		

Dr. Raschke / QC

Name / Department



Signature / Unterschrift

27/05/2011

Date / Datum