

# Certificate of Analysis

Dr. Ehrenstorfer



Reference Materials for  
Residue Analysis

## Product Identification

10726000 Bromocyclen

CA 5-Bromo-methyl-1.2.3.4.7.7-hexachlorobicyclo[2.2.1]hept-2-ene

IUPAC 5-Bromo-methyl-1.2.3.4.7.7-hexachlorobicyclo[2.2.1]hept-2-ene

Formula C<sub>8</sub>H<sub>5</sub>BrCl<sub>6</sub>

Mol.Weight 393.75


CAS No. 1715-40-8

Expiry Date 23.01.2019

Lot Number 30109

Store at 20 °C ±4 °C

Please note: The expiry date is valid under recommended storage conditions only.

Toxicological Data	Physical Data
	Phase crystalline solid Color colourless Melt.Range 69.8 °C
R Code S Code LD50 (Rats female/male in mg/kg) N/A	Vapour pressure N/A at °C Solubility in water N/A g/l at °C Boiling Range (lit.)
Analytical Data	
Detection: GC/ECD Column: DB-5, 30 m, ID 0.25 mm Inj.-Vol.: 0.20 µl Flow: 0.2 ml/min Ret.-Time: 17.46 min.	Method Details: Injector: 280° C Start Temperature: 60° C for 5 min End Temperature: 280° C for 1 min Gradient: 15° C/min
Identity: RT Comment Purity was confirmed by external standard method.	
Water Content 0.0 % Determined by Karl-Fischer Titration Det. Purity 98.5 % Tolerance/Uncertainty +/- 0.5 %	
The uncertainty/tolerance of this standard is calculated in accordance with the EURACHEM/CITAC Guide - Quantifying Uncertainty in Analytical Measurement - Second Edition. The uncertainty given is the expanded combined uncertainty and represents an estimated standard deviation equal to the positive square root of the total variance of the uncertainty of components. The expanded uncertainty is U which is Uc(y)*K, where K is the coverage factor at the 95% confidence level (K=2). The expanded uncertainty is based on the combination of uncertainties associated with each individual operation involved in the preparation of this product.	

Certified on 23.01.2013

by P. Feuerriegel

The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DAkkS as indicated by the Accreditation Number D-RM-14174-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for *production of certified reference materials* in form of organic pure substances and in form of single and multi-component solutions organic pure substances.

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The warranty for this product is limited to the purchasing price of this product.

