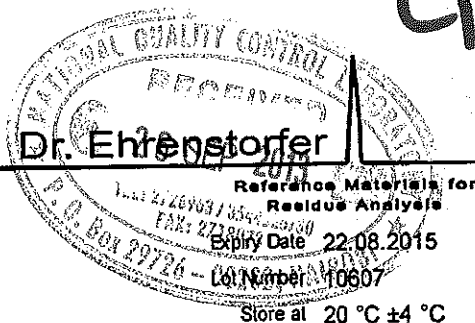


Certificate of Analysis



Product Identification

11691400 Clorsulon

CA 4-Amino-6-(trichlorovinyl)-1,3-benzenedisulfonamide

IUPAC 1,3-Benzenedisulfonamide,4-amino-6-(trichloroethynyl)

Formula C₈H₈Cl₃N₃O₄S₂

Mol.Weight 380.66

CAS No. 60200-06-8

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

Toxicological Data		Physical Data	
		Phase crystalline solid	Vapour pressure NA at °C
R Code		Color colourless	Solubility in water NA g/l at °C
S Code		Melt.Range 199,0 °C	Boiling Range (R.)
LD50 (Rats female/male in mg/kg) >10000			
Analytical Data		Method Details:	
Detection: HPLC/DAD		Acetonitrile:H ₂ O+0,5% H ₃ PO ₄ 4:1	
Column: ReproSil 100 C18 5µ 250x3			
Inj.-Vol.: 1,00 µl			
Flow: 1,0 ml/min			
Ret.-Time: 1,16 min.			
Identity: UV, RT			
Comment Purity was determined by external standard method.			
Water Content 0,1 %		Determined by Karl-Fischer Titration	
Det. Purity 99,2 %		Tolerance/Uncertainty +/- 0,5 %	
<p>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.</p>			

Certified on 22.08.2011

by Dr. J. Heidrich



The Laboratory Labor Dr. Ehrenstorfer-Schäfers is accredited by DGA as indicated by the Accreditation Certificate DGA-PL-4536.00 based on DIN EN ISO/IEC 17025:2005 for the weighing of amounts of substances for the preparation of standard solutions.

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

