

# Gravimetric Certificate

**EHRENSTORFER™**

## Product Identification

16070000 2-Phenylphenol  
Formula C<sub>12</sub>H<sub>10</sub>O  
Mol.Weight 170.21  
CAS No. 90-43-7

Expiry Date 28.08.2021  
Lot Number 752113CY  
Store at 20°C in the dark

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

<b>Gravimetric Data</b>				
Product Name		Conc. (mg/l)	Purity %	Weight (mg)
2-Phenylphenol		10.000	99.0	3.235
<b>Solvent Information</b>				
Solvent	Lot No.	Exact Quantity (ml)		
Cyclohexane	I09341172	320.00		
<b>Traceability Data</b>				
16070000 171732	neat product			
16070000 752113CY	10.000 mg/l			
<b>Analytical Data</b>				
Detection: HPLC/DAD	Method Details:			
Column: ReproSil 100 C18 5µ 250x3	Acetonitrile:H <sub>2</sub> O 4:1			
Inj.-Vol.: 10.00 µl				
Flow: 1.0 ml/min				
Ret.-Time: 1.79 min.				
<b>Identity check</b> RT, UV				
Comment Property value was determined by gravimetric measurements and confirmed by peak area comparison.				
The uncertainty/tolerance of this standard is +/- 2.0 %, 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 U <sub>c</sub> (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 28.08.2018

by D. Schmid

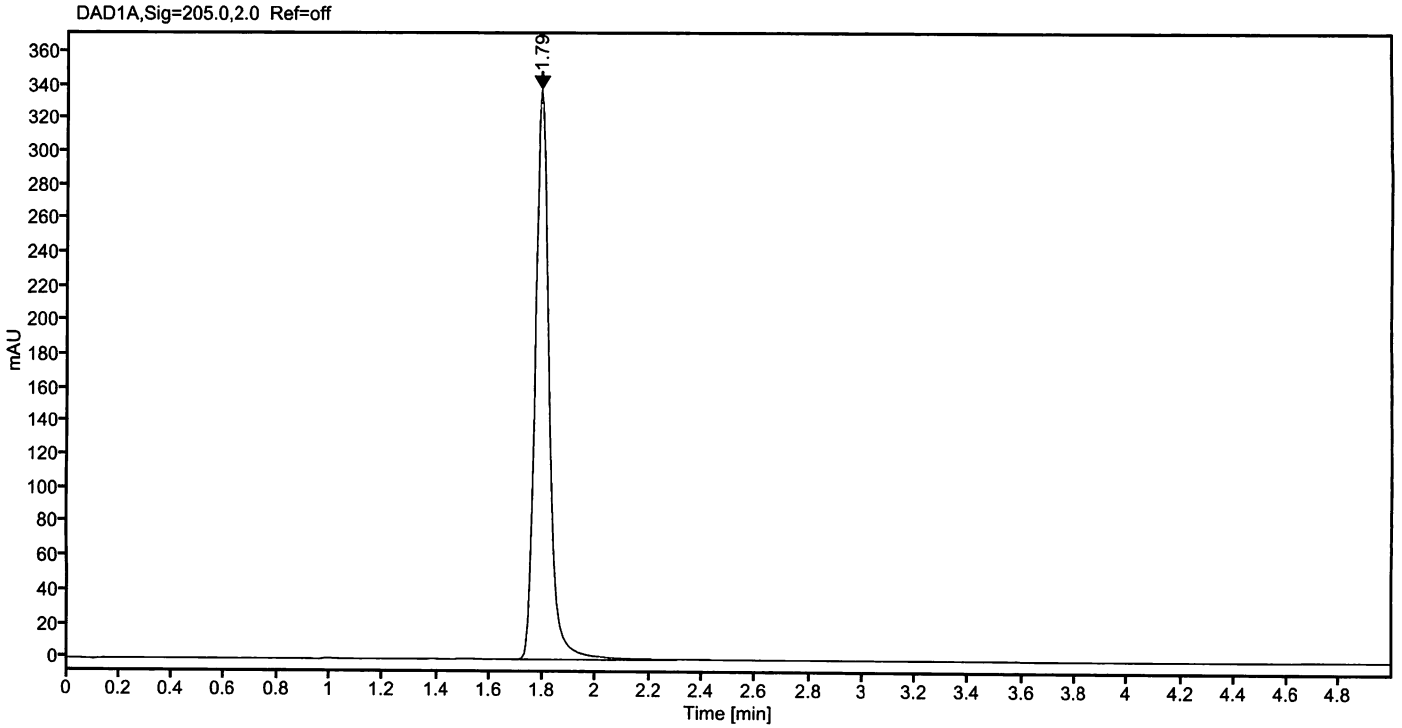
The Laboratory LGC Labor GmbH is accredited by DAkkS as indicated by the Accreditation Number D-RM-19883-01 & D-PL-19883-01 has shown competence based on ISO Guide 34:2009 with relevant parts of DIN EN ISO/IEC 17025:2005 for production of certified reference materials in form of organic pure substances 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.

Data file: 16070000-10-r002.dx  
Sample name: 752113CY  
Inj. volume [µl]: 10.0  
Acq. method: 41K.amx

Instrument: DAD4  
Sequence Name: 16072018-K  
Injection date: 7/16/2018 4:25:54 PM  
Location: 34

Sample Description 2-Phenylphenol



Signal: DAD1A, Sig=205.0, 2.0 Ref=off

Nr.	RT [min]	Area	Height	Area%
1	1.79	1231.23272	338.36	100.00
	Sum	1231.23		

Schmid D.