

# Gravimetric Certificate

**EHRENSTORFER™****Product Identification**

03004000 Regular Diesel Fuel

Formula

Mol.Weight

CAS No.

Expiry Date 29.08.2023

Lot Number 175092ME

Store at 20°C in the dark

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

<b>Specification</b>		Conc. (mg/l)	Purity %	Volume (ml)
Product Name		2500.000	99.9	30.000
Regular Diesel Fuel				
<b>Solvent Information</b>				
Solvent	Lot No.	Exact Quantity (ml)		
Methanol	171145426	60.00		
<b>Traceability Data</b>				
03004000 175090	neat product			
03004000 80820ME	5000.000 mg/l			
03004000 175092ME	2500.000 mg/l			
<b>Analytical Data</b>				
Detection: GC/FID		Method Details:		
Column: DB-5, 30 m, ID 0.25 mm		Injector: 280° C		
Inj.-Vol.: 1.00 µl		Start Temperature: 60° C for 5 min		
Flow: 1.0 ml/min		End Temperature: 280° C for 6 min		
Ret.-Time:		Gradient: 5° C/min		
<b>Identity check RT</b>				
Comment				
The uncertainty/tolerance of this standard is +/- 5.0 %, 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 $U_c(y) \cdot K$ , 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 29.08.2018

by M. Beck

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.

2308

Data file: 03004000-11-r002.dx

Instrument: FID 3

Inj. volume [µl]: 1.0

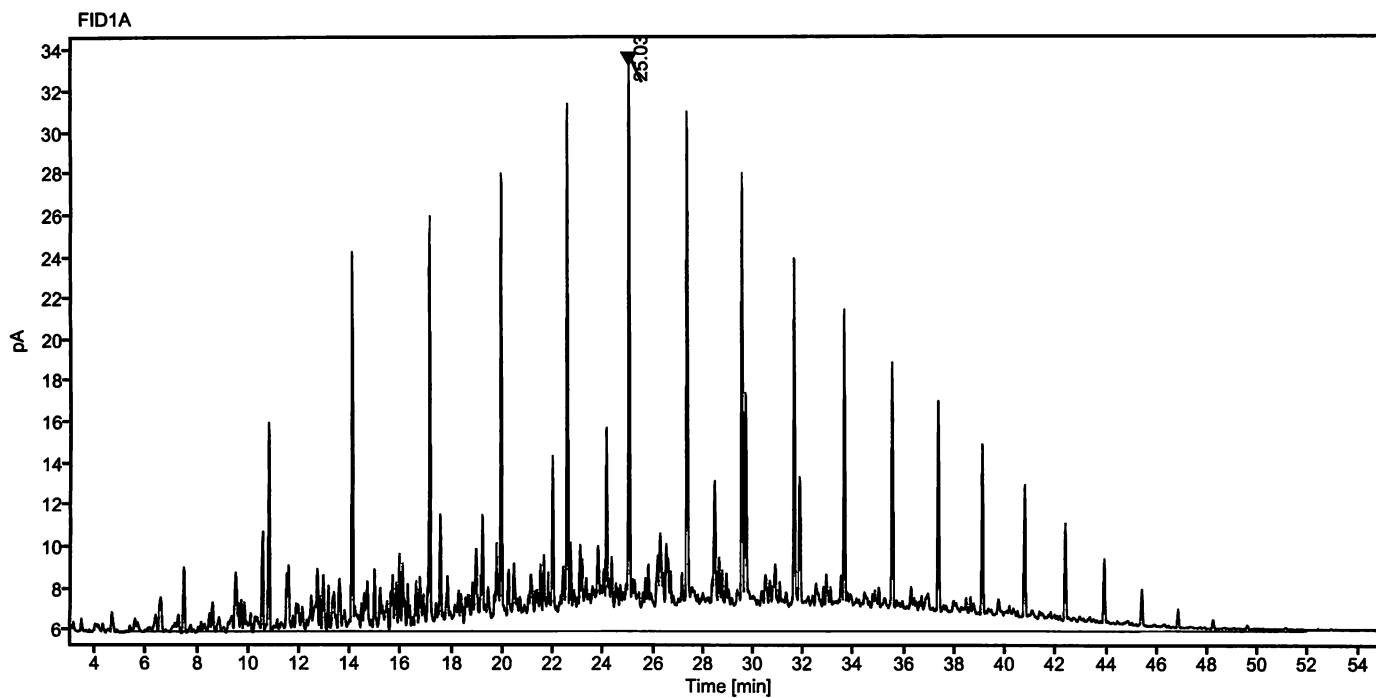
Sequence Name: 2018KW31-0822a

Acq. method: PES.amx

Injection date: 8/22/2018 9:09:25 PM

Sample Description Regular Diesel Fuel

Location: 14



Signal: FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]
1	25.03	3823.43282	27.33	100.00	1.640
	Sum	3823.43			