

# Gravimetric Certificate



## Product Identification

15359500 Musk NN  
Formula C<sub>15</sub>H<sub>26</sub>O<sub>4</sub>  
Mol.Weight 270.4  
CAS No. 105-95-3

Expiry Date 21.08.2021  
Lot Number 712096CY  
Store at 20°C in the dark

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

Gravimetric Data		Conc. (mg/l)	Purity %	Weight (mg)
Product Name	Musk NN	10.000	95.7	1.044
Solvent Information		Exact Quantity (ml)		
Solvent	Lot No.	100.00		
Cyclohexane	I092831772			
Traceability Data				
15359500 163985	neat product			
15359500 712096CY	10.000 mg/l			
Analytical Data				
Detection: GC/FID	Method Details:			
Column: DB-5, 30 m, ID 0.25 mm	Injector: 280° C			
Inj.-Vol.: 2.00 µl	Start Temperature: 60° C for 5 min			
Flow: 1.0 ml/min	End Temperature: 280° C for 1 min			
Ret.-Time: 18.24 min.	Gradient: 15° C/min			
Identity check RT				
Comment	Property value was determined by gravimetric measurements and confirmed by peak area comparison.			
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 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 21.08.2018  
by D. Schmid

*Schmid D.*

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: 15359500-13-r001.dx

Instrument: FID 3

Sample name: 712096CY

Sequence Name: 2018KW28-FID3-0711a

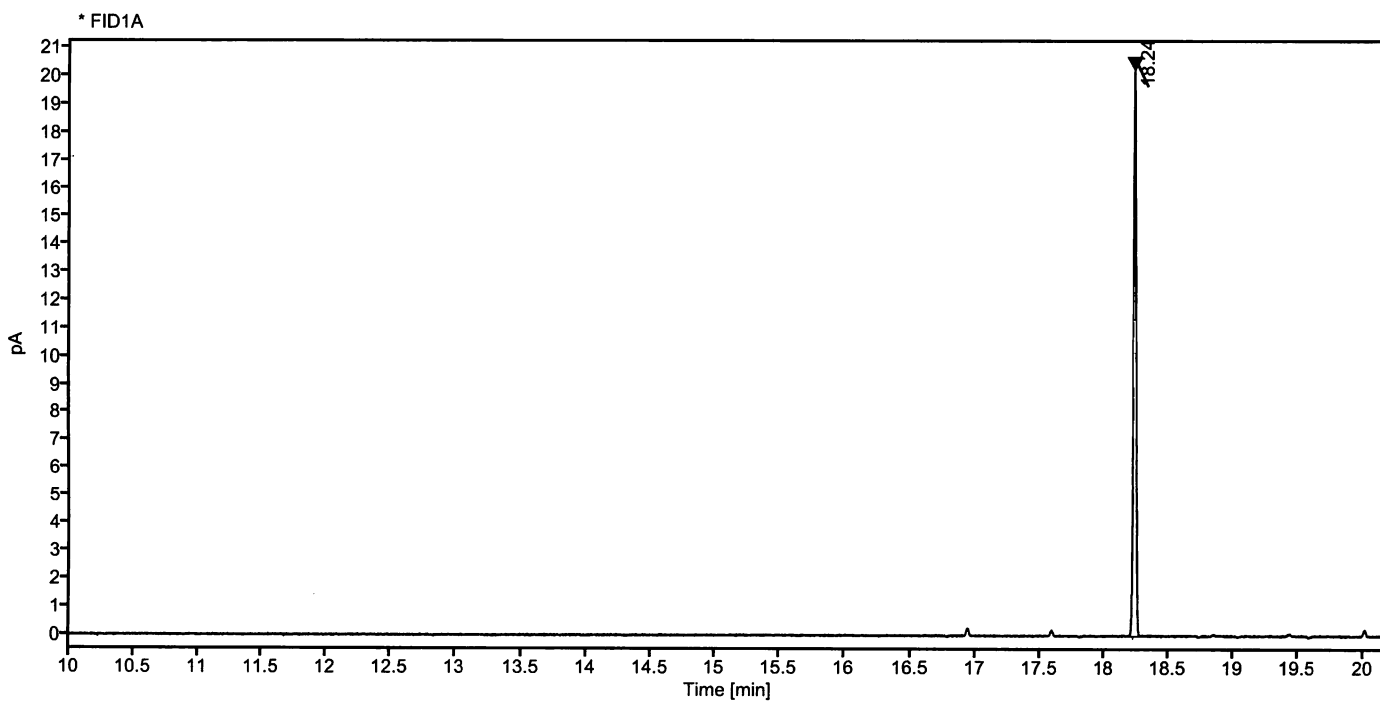
Inj. volume [ $\mu$ l]: 2.0

Injection date: 7/11/2018 9:58:29 PM

Acq. method: PESK\_2.amx

Location: 117

Sample Description Musk NN



Signal: \* FID1A

Nr.	RT [min]	Area [pA*s]	Height [pA]	Area%	Width [min]	S/N
1	18.24	28.23998	20.25	100.00	0.098	795.6
	Sum	28.24				

Schmid D.