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Molecular weight	172.31
Quality Test / Release Date	02/03/2020
Molecular Formula	C11 H24 O
CAS No	112-42-5
Linear Formula	CH ₃ (CH ₂) ₁₀ OH
Flash Point (°C)	>112

Certificate of Analysis

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to human or animals. It is the responsibility of the purchaser, formulator or those performing further manufacturing to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	14068	Quality Test / Release Date	02/03/2020
Lot Number	A0416292		
Description	1-Undecanol, 98%		
Country of Origin	GERMANY		
Declaration of Origin	synthetic		

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless to light yellow	Clear colorless
Appearance (Form)		Liquid	Liquid
Infrared spectrum		Conforms	Conforms
GC		>=97.5 %	98.3 %
Refractive index		1.4370 to 1.4420 (20°C, 589 nm)	1.4401 (20°C, 589 nm)
Specific gravity		(25/25°C) 0.829 to 0.833	(25/25°C) 0.8318



A handwritten signature in black ink, reading "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 02-04-2020

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