



Version	02
Molecular weight	190.71
Quality Test / Release Date	05/15/2020
Molecular Formula	C ₁₀ H ₁₉ ClO
CAS No	112-13-0
Linear Formula	CH ₃ (CH ₂) ₈ COCl
Flash Point (°C)	110

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	16119	Quality Test / Release Date	05/15/2020
Lot Number	A0384546	Suggested retest date	05/15/2023
Description	Decanoyl chloride, 98+%		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Form)	Clear liquid	Clear liquid
Color scale	=<50 APHA	10 APHA
Infrared spectrum	Authentic	Authentic
Titration RCOCl	>=98.0 %	98.0 %
GC	>=98.0 %	99.7 %
Refractive index	1.4400 to 1.4430 (20°C, 589 nm)	1.4412 (20°C, 589 nm)
Carboxylic acid	=<2 % (as Decanoic acid)	1.4 % (as Decanoic acid)



A handwritten signature in black ink, appearing to read "C. Wygaerts".

C. Wygaerts, QA Manager

Issued: 05-15-2020

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