

## Certificate of Analysis

**Product Name:** Ethyl chloroformate  
97 %  
**Product Number:** 185892  
**Batch Number:** BCCC5185  
**CAS Number:** 541-41-3  
**Formula:**  $\text{ClCOOC}_2\text{H}_5$   
**Formula Weight:** 108.52

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS	COLORLESS
APPEARANCE (FORM)	LIQUID	LIQUID
COLOR (IN APHA)	$\leq 20$ APHA	11 APHA
PURITY (GC AREA %)	$\geq 96.5$ %	99.7 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS