

From: CHEMOURS INTERNATIONAL  
 OPERATIONS SARL  
 CHEMIN DU PAVILLON 2  
 LE GRAND-SACONNEX GE 1218  
 Switzerland

To: CANTAS IC VE DIS TICARET  
 SOGUTMA SISTEMLERI SANAYI A.S.  
 Kore sehitleri cd.no:53  
 ISTANBUL 34375  
 Turkey

Customer Order: C-YF-903  
 Chemours Order: 8500565979  
 Product: OPTEON(TM) YF  
 Batch/Lot No. 1902DL0028  
 Shipping Point: Chemours Netherlands B.V. - Netherlands

Delivery Number: 6316049256  
 Date of Print: 18-Feb-2019

## CERTIFICATE OF ANALYSIS

We certify that this product conforms to the relevant Chemours product specifications at the time of shipment.

APPROVAL FOR SHIPMENT: \_\_\_\_\_ DATE: \_\_\_\_\_  
 (This certificate has been produced electronically and therefore no signature appears.)

Data from the Quality Control tests relating to this product are the following:

### Production data

Container identifier	EURU 524264-5		Specification	
	Value	Unit	Min	Max
<b>Characteristic</b>				
HFO-1234yf	99,990	%WT	≥ 99,500	
HFO-1225ye	0	ppm	≤ 150	
Other unsaturated compounds	0,000	ppm	≤ 40,000	
Water	2,65	ppm	≤ 20,00	
Acidity as Hydrochloric Acid	0,000	ppm	≤ 1,000	
App: Clear, Colorless	PASS			
Nonabsorbable gas vapor phase	0,13	vol%	≤ 1,50	
Total other refrigerants	< 0,500	%WT	≤ 0,500	
Halides	0,000	ppm	≤ 3,000	
Residue by volume	< 0,01000	vol%	≤ 0,01000	

CHEMOURS BELGIUM BVBA  
 KETENISLAAN 1 - HAVEN 1548  
 BE-9130 KALLO  
 BELGIUM

