



## Certificate of Analysis

Manufacturing site is certified according to ISO14001 and OHSAS 18001 standards

Certificate prepared at

Sederma SAS  
29 rue du Chemin vert - B.P.33  
78612 Le Perray-en-Yvelines  
France

### Customer details

Dichem Chemicals S.A  
93 Loutrou St  
13678 Acharnes  
Greece  
**Fax No.** 00 302 10 2404145

**Customer Ref.** 424  
**Inspection Lot** 040001016264  
**C of A Printed.** 03.03.2020  
**Croda Order No.** 3257257  
**Croda Del. No.** 83695970  
**Quantity.** 10,000 KG

### Batch Details

**Product Name:** OPTIM HYAL #  
**Product Code:** SE28184/0010/2P40  
**Batch No:** 0001637434

**Date of test:** 03.02.2020  
**Date of manufacture:** 23.01.2020  
**Retest date:** 22.01.2022

**Specification:** 16-JUL-15 - RV 3.0

### Quality Control Results

Analytical Test		Specification Limit		Value	Unit	Status
Method No.	Characteristic	Lower	Upper			
	REVISION NUMBER	3.0		Pass	-	P
	Addendum 00	PASS OR FAIL		Pass	-	P
AV002080	APPEARANCE FORM	LIQUID		Pass	-	P
AV002090	APPEARANCE COLOUR	YELLOW ORANGE TO BRO WN		Pass	-	P
AV002100	APPEARANCE CLARITY	OPALESCENT		Pass	-	P
FV000020	DRY RESIDUE	3,5	5,5	3,8	%	P
	2.5g-105°C-1 night					
FV000010	pH VALUE	4,0	6,0	4,9		P
FV000920	SPECIFIC GRAVITY	1,010	1,030	1,017		P
	(20°C)					
FV000930	REFRACTIVE INDEX	1,330	1,350	1,339		P
	(25°C)					
LV002550	POLYGLUCURONIC ACID	5,0	10,0	8,1	g/l	P
	CONTENT					
JV000780	TOTAL AEROBIC	100 CFU/G MAX		Pass	-	P
	MICROBIAL COUNT					
JV000780	TOTAL COMBINED	10 CFU/G MAX		Pass	-	P
	YEASTS/MOULDS COUNT					

Long term storage, recommended between +4°C and +7°C, away from light.

The performed analysis are guaranteed when product is stored in original packaging and at recommended