



## Certificate of Analysis

Manufacturing site is certified according to ISO9001,  
ISO14001 and ISO45001 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 EORI GR095216515  
Greece  
**Fax No.** 00 302 10 2404145

**Customer Ref.** 134  
**Inspection Lot** 040001195253  
**C of A Printed.** 01.02.2022  
**Croda Order No.** 3795076  
**Croda Del. No.** 800353141  
**Quantity.** 80,000 KG

### Batch Details

**Product Name:** OPTIM HYAL™  
**Product Code:** SE28184/0010/2P40  
**Batch No:** 0001878209

**Date of test:** 24.01.2022  
**Date of manufacture:** 10.01.2022  
**Retest date:** 10.01.2024

*30 napelida*

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

### Quality Control Results

#### Analytical Test

| Method No. | Characteristic                     | Specification Limit    |       | Value | Unit | Status |
|------------|------------------------------------|------------------------|-------|-------|------|--------|
|            |                                    | 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 BROWN |       | Pass  | -    | P      |
| AV002100   | APPEARANCE CLARITY                 | OPALESCENT             |       | Pass  | -    | P      |
| FV000020   | DRY RESIDUE                        | 3,5                    | 5,5   | 3,5   | %    | P      |
|            | 2.5g-105°C-1 night                 |                        |       |       |      |        |
| FV000010   | pH VALUE                           | 4,0                    | 6,0   | 4,6   |      | P      |
| FV000920   | SPECIFIC GRAVITY (20°C)            | 1,010                  | 1,030 | 1,017 |      | P      |
| FV000930   | REFRACTIVE INDEX (25°C)            | 1,330                  | 1,350 | 1,339 |      | P      |
| LV002550   | POLYGLUCURONIC ACID CONTENT        | 5,0                    | 10,0  | 6,7   | g/l  | P      |
| JV000780   | TOTAL AEROBIC MICROBIAL COUNT      | 100 CFU/G MAX          |       | Pass  | -    | P      |
| JV000780   | TOTAL COMBINED YEASTS/MOULDS COUNT | 10 CFU/G MAX           |       | Pass  | -    | P      |

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