

# MANAGEMENT SYSTEM CERTIFICATE

Certificate No:  
2010-SKM-AE-1492

Initial certification date:  
21 November 1997

Valid:  
29 June 2020 - 21 November 2022

This is to certify that the management system of

## **Nouryon AB**

Färjevägen 1, 445 80, BOHUS, Sweden  
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is valid for the following scope:

**Nouryon Integrated Supply Chain – EMEIA manufacturing of essential ingredients including surfactants, polymers, bleaching and oxidizing chemicals, cellulose derivatives, chelates, and other specialty chemicals for various industrial markets globally.**

Place and date:  
**Solna, 30 June 2020**



Accred. no.1053  
Certification of  
Management  
Systems  
ISO/IEC 17021-1

For the issuing office:  
**DNV GL - Business Assurance**  
Elektrogatan 10, 171 54, Solna, Sweden

Management Representative

Certificate No: 2010-SKM-AE-1492  
Place and date: Solna, 30 June 2020

## Appendix to Certificate

### Nouryon AB

Locations included in the certification are as follows:

| Site Name   | Site Address   | Site Scope  |
|---|--|---|
| Nouryon Chemicals NV/SA   | Parc Industriel de Ghlin Zone A, 7011 GHLIN (Mons), Belgium                                    | Manufacturer of nitrogen derivatives based on natural feedstocks. Manufacturer and supplier of organic peroxides  |
| Nouryon Finland Oy  | Nuottasaarentie 17, 90400 OULU, Finland  | Manufacturing of sodium chlorate  |
| Nouryon Pulp and Performance Chemicals SAS                              | Zone Industrielle du Bec, 33810, AMBÈS, France   | Manufacturing of sodium chlorate  |
| Nouryon Functional Chemicals GmbH, Carbosulf Chemische Werke GmbH       | Geestemünderstraße 26, 50735 KÖLN, Germany   | Manufacturing of carbon disulfide, sodium hydrosulfide and thiocyanates   |
| Nouryon Functional Chemicals GmbH                                       | Liebigstraße 7, 07973 GREIZ, Germany   | Manufacturing and distribution of polysulfides and polymer additives  |
| Nouryon Chemicals GmbH  | Chempark Leverkusen; Building S31, 51368 LEVERKUSEN, Germany                                   | Manufacturing of colloidal silica and products based on colloidal silica  |
| Nouryon Chemicals GmbH  | Am Wachtelberg 8 A, 04808 WURZEN, Germany  | Manufacturing of colloidal silica and products based on colloidal silica  |
| Nouryon Chemicals India Private Ltd                                     | Plot E-18, 19 & 20, C-61 (Part) MIDC Area, Mahad, 402302, RAIGAD, India                        | Manufacturing of organic peroxides & metal alkyls   |
| Nouryon Chemicals SPA   | Via L. Gherzi 25, 28100 NOVARA, Italy  | Manufacturing of sodium carboxymethylcellulose products (CMC)   |
| Nouryon Chemicals SPA   | Polymerization Chemicals - Adria Adria (RO), Colafonda 3a, Cavanello PO, 45011 ADRIA(RO) Italy | Manufacturing of antifouling agents, suspending agents, inhibitors and accelerators for polymerization processes  |
| Nouryon Pulp and Performance Chemicals Norway AS                        | Svaddeveien 119, 3660 RJUKAN, Norway   | Manufacturing of hydrogen peroxide  |
| Nouryon Pulp and Performance Chemicals AB                               | Färjevägen 1, 445 80, BOHUS, Sweden  | Manufacturing of hydrogen peroxide, sodium and potassium hydroxide pellets, silica-based products, colloidal silica and products based on colloidal silica  |
| Nouryon Pulp and Performance Chemicals AB                               | Albyfabrikerna; Albyvägen 65, 841 44, ALBY, Sweden   | Manufacturing of hydrogen peroxide, potassium chlorate and sodium chlorate  |
| Nouryon Pulp and Performance Chemicals AB, Nouryon Surface Chemistry AB | Stockviksvägen 20, 854 67, SUNDSVALL, Sweden   | Manufacturing of sodium chlorate. Manufacturing of expandable and expanded thermoplastic microspheres. Manufacturing of fatty nitriles, fatty amines, fatty amine derivatives, hydrogenated products and derivatives. |
| Nouryon Functional Chemicals AB   | Ljungströmvägen 2, 692 75, KVARNTORP, Sweden   | Manufacturing of chelating agents and micronutrients (metal chelates)   |
| Nouryon Functional Chemicals AB   | Hörneborgsvägen 13, 891 26, ÖRNSKÖLDSVIK, Sweden   | Manufacturing of cellulose ethers   |
| Nouryon Functional Chemicals AB, Nouryon Surface Chemistry AB           | Uddevallavägen 17 444 31 STENUNGSUND Sweden  | Manufacturing of ethylene amines, ethanol amines, ethylene oxide, glycols, anionic, cationic, nonionic and amphoteric surfactants including specialties such as feed additives  |
| Nouryon Functional Chemicals B.V.                                       | Westervoortsedijk 73, 6827 AV ARNHEM, The Netherlands  | Manufacturing of (crosslinked) sodium carboxymethylcellulose products (CMC)   |

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance Sweden AB, Elektrogatan 10, 171 54 Solna, Sweden. TEL:+46 8 587 940 00. [www.dnvgl.se/assurance](http://www.dnvgl.se/assurance)

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|-----------------------------------|---|--|
| Nouryon Functional Chemicals B.V. | Lispinweg 6, 6075 CE<br>HERKENBOSCH, The Netherlands  | Manufacturing of chelating agents, metal chelates and derivatives of fatty amines                  |
| Nouryon Functional Chemicals B.V. | Welplaatweg 12, Havennr. 4150<br>Zuid-Holland, 3197 KS ROTTERDAM<br>BOTLEK, The Netherlands | Manufacturing, blending and loading of metal organics and reefer stewardship for organic peroxides |

