

Certificate of Approval

This is to certify that the Management System of:

Ashland Inc.

8145 Blazer Drive, Wilmington, DE, 19808, United States

has been approved by LRQA to the following standards:

ISO 9001:2015

Approval number(s): ISO 9001 – 00008106

This certificate is valid only in association with the certificate schedule bearing the same number on which the locations applicable to this approval are listed.

The scope of this approval is applicable to:

Industrialization, Manufacture, Packaging, Supply and Distribution of Ashland Specialty Ingredients and Fine Chemicals and Chemical Intermediates of Commercial Sale for use in Allied Chemical Industry, Food, Pharmaceuticals, Nutraceuticals, Personal Care, Cosmetics and Industrial Markets and the Manufacture, Blending, and Supply of Excipients for Tablet Coating, Sodium Carboxymethyl Cellulose, Hydroxyethyl Cellulose, Modified Hydroxyethyl Cellulose, Hydroxypropyl Cellulose, Hydroxy Propyl Methyl Cellulose, Methyl Hydroxy Ethyl Cellulose, Ethyl Cellulose, Various Fluidized Polymer Systems, Preservatives and Allantoin, Maleic Anhydride, Various Fluidized Polymer Systems and Aquaflow™ Rheology Modifiers, Guar Gum, Guar Derivatives, Cellulose Products, Rheology Modifiers, 1,4 Butanediol, Tetrahydrofuran/Water Stream, Thermoset, Coatings, Binders, Laminates Finished Product Application Testing. Manufacture and Supply of Oilfield Chemicals, Contract Manufacturing, Microencapsulation Technologies, Liquid Crystal Materials, and Preservatives



David Derrick

Regional Director, UKAM

Issued by: LRQA Limited



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Issued by: LRQA Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom

Certificate Schedule

Location	Activities
Ashland Specialty Ingredients G.P. 8145 Blazer Drive, Wilmington, DE, 19808, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
ISP Freetown Fine Chemicals Inc. 238 South Main Street, Assonet, MA, 02702, United States	ISO 9001:2015 Manufacture, Packaging and Distribution of Specialty Fine Chemicals and Chemical Intermediates of Commercial Sale.
ISP Chemicals LLC 455 North Main Street, Calvert City, KY, 42029, United States	ISO 9001:2015 Manufacture of Ingredients for Food, Pharmaceuticals Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
ISP Chemicals LLC 116 Summit Avenue, Chatham, NJ, 07928, United States	ISO 9001:2015 Manufacture of Preservatives and Allantoin for the Personal Care Industry and Industrial Preservatives.
ISP Chemicals LLC 1979 Atlas Street, Columbus, OH, 43228, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
Ashland Specialty Ingredients G.P. 1111 Hercules Road, Hopewell, VA, 23860, United States	ISO 9001:2015 Manufacture of Sodium Carboxymethyl Cellulose, Hydroxyethyl Cellulose, Hydroxypropyl Cellulose, Ethyl Cellulose, and Various Fluidized Polymer Systems.
Ashland Specialty Ingredients G.P. One Mill Street, Kenedy, TX, 78119, United States	ISO 9001:2015 Manufacture of Guar Gum, Guar Derivatives, Cellulose Products and Rheology Modifiers.
ISP Lima LLC 1220 South Metcalf Street, Lima, OH, 45804, United States	ISO 9001:2015 Manufacture of 1,4 Butanediol and Tetrahydrofuran/Water Stream.



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Ashland Specialty Ingredients G.P. 23 Snowden Avenue, Ossining, NY, 10562, United States	ISO 9001:2015 Manufacture of Cosmetic Ingredients from Fresh Plants using Proprietary Zeta Fraction Technology.
Ashland Specialty Ingredients G.P. 50 South Minnisink Avenue, Parlin, NJ, 08859, United States	ISO 9001:2015 Manufacture of Hydroxyethyl Cellulose and Modified Hydroxyethyl Cellulose.
ISP Technologies Inc. 4501 Attwater Avenue and State Highway 146, Texas City, TX, 77592, United States	ISO 9001:2015 Manufacture and Supply of Ashland Specialty Ingredients to Food, Pharmaceuticals Nutraceuticals, Personal Care, Cosmetics and Industrial Markets.
Ashland Specialty Ingredients G.P. 500 Hercules Road, Building 8159, Wilmington, DE, 19808, United States	ISO 9001:2015 Manufacture of Excipients for Tablet Coating used in Pharmaceutical and Nutraceutical Industries.
Avoca, LLC 841 Avoca Farm Road, Merry Hill, NC, 27957, United States	ISO 9001:2015 Manufacture of Ingredients for the Food, Nutraceutical, Personal care, Cosmetic, and Industrial Markets.
Avoca, LLC N92W14350 Anthony Avenue, Menomonee Falls, WI, 53051, United States	ISO 9001:2015 Manufacture of Ingredients for the Food, Nutraceutical, Personal care, Cosmetic, and Industrial Markets.
Ashland Specialties Belgium BV Haven 1920, B 9130, Doel-Beveren, Belgium	ISO 9001:2015 Manufacture of Methyl Cellulose, Hydroxy Propyl Methyl Cellulose, Methyl Hydroxy Ethyl Cellulose and Low-Substituted Hydroxy Propyl Cellulose.
Ashland Industria de Ingredientes do Brasil Ltda. Avenida Antônio Ortega, 3864 Bairro Pinhal, Cabreúva, 13317-212, Brazil	ISO 9001:2015 Production and Commercialization of Additives, Functional Blends, and Ingredients for the Food Industry and Excipients for the Pharmaceutical Industry.

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Location	Activities
Ashland Chemicals (Nanjing) Co., Ltd. No. 198 Zhao Qiao He Road, Nanjing Chemical Industrial Park, Nanjing 210047, China	ISO 9001:2015 Manufacturing of Hydroxyethylcellulose (HEC), Pharma film coating premix, and functional cosmetic ingredients (biofunctionals). Processing of Cellulose ethers and Pyrrolidones as Pharmaceutical Excipients.
Ashland Specialties France SARL Zone Industrielle Le Clos Pre, 27460 Alizay, France	ISO 9001:2015 Manufacture of Sodium Carboxymethyl Cellulose, Various Fluidized Polymer Systems and AquaflowTM Rheology Modifiers.
Ashland Specialties France SARL 655 Route Du Pin Montard, 06410 Biot, France	ISO 9001:2015 Industrialization, Manufacturing, Specification, and Distribution of Specialty Ingredients for Cosmetic Industries.
Ashland Industries Nederland BV Noordweg 9, 3336 LH Zwijndrecht , The Netherlands	ISO 9001:2015 Manufacture of Hydroxy Ethyl Cellulose.
ISP Microcaps (UK) Ltd. Unit 8-9, Stepnell Reach, Poole, Dorset, BH16 5BW, United Kingdom	ISO 9001:2015 Manufacture and Supply of Products Based on Microencapsulation Technologies, Liquid Crystal Materials, and Preservatives.
Techwax Ltd Unit 4b Whinbank Park, Whinbank Road, Newton Aycliffe, Co., Durham, DL5 6AY, United Kingdom	ISO 9001:2015 Manufacture and Supply of Oilfield Chemicals, Contract Manufacturing and Blending of Specialty Chemicals.