

Certificate CN15/10490

The management system of

JINAN JUAN ESTER CHEMICAL CO., LTD.

EAST OF SHUINAN VILLAGE, SHUIZHAI TOWN, (ZHANGQIU CHEMICAL INDUSTRY PARK) ZHANGQIU CITY, SHANDONG PROVINCE, P.R. CHINA

Unified Social Credit Code 913701817763499204

has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

PRODUCTION OF BETAINE, BETAINE HYDROCHLORIDE, CHOLINE BITARTRATE, CHOLINE CHLORIDE, AND CHOLINE DIHYDROGEN CITRATE USED AS FOOD ADDITIVES

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organisation

This certificate is valid from 8 September 2018 until 7 September 2021 and remains valid subject to satisfactory surveillance audits. Recertification audit due a minimum of 60 days before the expiration date. Issue 3. Certified since 8 September 2015

Authorised by

SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

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SGS

Certificate CN15/10517
External Certificate F01FSMS1500234
The management system of

JINAN JUAN ESTER CHEMICAL CO., LTD.

EAST OF SHUINAN VILLAGE, SHUIZHAI TOWN, ZHANGQIU DISTRICT,
JINAN CITY, SHANDONG PROVINCE, P.R. CHINA
(ZHANGQIU CHEMICAL INDUSTRY PARK)

has been assessed and certified as meeting the requirements of



ISO 22000:2005

For the following activities

**Production of Choline Bitartrate and Choline Chloride
Used As Food Additives
Production of Betaine, Betaine Hydrochloride and Choline
Dihydrogen Citrate Used As Food Additives (export only)**

Food Category K - Production of (Bio) Chemicals

This certificate is valid from 20 October 2018 until 19 June 2021
and remains valid subject to satisfactory surveillance audits.

Re certification audit due before 31 August 2021
Issue 2. Certified with SGS since 20 October 2015

Authorised by

Authorised Accredited Office Manager
SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3 EN UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com



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Certificate CN15/10516
The Food Safety Management System of

JINAN JUAN ESTER CHEMICAL CO., LTD.

EAST OF SHUINAN VILLAGE, SHUIZHAI TOWN, ZHANGQIU DISTRICT,
JINAN CITY, SHANDONG PROVINCE, P.R. CHINA
(ZHANGQIU CHEMICAL INDUSTRY PARK)

has been assessed and complies with the requirements of



Food Safety System Certification (FSSC) 22000

(Version 4.1)

Certification scheme for food safety management systems consisting of the following elements:
ISO 22000:2005, ISO/TS22002-1:2009 and additional FSSC 22000 requirement (version 4.1).

This certificate is applicable for:

**Production of Choline Bitartrate and Choline Chloride
Used As Food Additives**
**Production of Betaine, Betaine Hydrochloride and Choline
Dihydrogen Citrate Used As Food Additives (export only)**



Food Category: K - Production of (Bio) Chemicals

This certificate is valid from 20 October 2018 until 19 June 2021
and remains valid subject to satisfactory surveillance audits.

Date of Certification decision 18 October 2018

Re certification audit due before 31 August 2021

Issue 2. Certified since 20 October 2015

The audit leading to this certificate commenced on 31 August 2018
Previous issue certificate validity date was until 19 October 2018

Authorised by

Authorised Accredited Office Manager

SGS United Kingdom Ltd
Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK
t +44 (0)151 350-6666 f +44 (0)151 350-6600 www.sgs.com



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Validity of this certificate can be verified in the FSSC 22000 database of certified organizations available on www.fssc22000.com.



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STAR-K KOSHER CERTIFICATION

August 31, 2018
20 Elul 5778

Jinan Jiuan Ester Chemical Co., Ltd.
East of Shuinan Village
Shuizhai Town
Zhangqiu City, Shandong 250208
China

This is to certify that the 20 products specified in the listing below, manufactured by JINAN JIUAN ESTER CHEMICAL CO., LTD. of the above address, are Kosher and under our supervision.

PLEASE NOTE THE FOLLOWING CONDITIONS OF CERTIFICATION:

All products listed below are Pareve.

All products listed below are Kosher for year-round use, excluding Passover.

All products listed below are certified Kosher when manufactured by Jinan Jiuan Ester Chemical Co., Ltd. of Zhangqiu City, Shandong, China, as stated on original manufacturer's label.

This letter of certification is valid through September 30, 2019 and is subject to renewal at that time.

BRAND: JA

<u>UKD#</u>	<u>PRODUCT LISTING</u>
SKGN4GL6CZ7	Betaine Anhydrous
SK0Y1XUU2YP	Betaine Citrate
SKTJTJBE701	Betaine Hydrochloride
SKZXDHZAZI5	Betaine Monohydrate
SKH7V8AUB1F	Betaine Nitrate
SK01W5JL30J	Calcium Pyruvate
SKEF3KCBEID	Choline Chloride
SKJMAV43L1L	Choline Dihydrogen Citrate
SKK781CW4CD	DL Choline Bitartrate
SKE4F5VHHIF	DL Choline Bitartrate Coated
SKD41TYJU74	DL DMAE Bitartrate
SKQ6LZHVFKB	DMG HCl
SKRM6VJ253D	Ferric Choline Citrate
SKEM21VIBYA	L (+) DMAE Bitartrate
SK8XW6BMR10	L(+) Choline Bitartrate
SKB7AICWHKX	L(+) Choline Bitartrate Coated
SK65U0HAM3R	Pyruvic Acid
SKULHNVE6HR	Sodium Pyruvate
SK2ITWD35EU	Tricholine Citrate

Rabbi Eliyahu Shuman
Director of Supervision

Effective Through 09/30/2019



STAR-K KOSHER CERTIFICATION

August 31, 2018
20 Elul 5778

Jinan Jiuan Ester Chemical Co., Ltd.
East of Shuinan Village
Shuizhai Town
Zhangqiu City, Shandong 250208
China

PLEASE NOTE THE FOLLOWING CONDITIONS OF CERTIFICATION:

All products listed below are Pareve.

All products listed below are Kosher for year-round use, excluding Passover.

All products listed below are certified Kosher when manufactured by Jinan Jiuan Ester Chemical Co., Ltd. of Zhangqiu City, Shandong, China, as stated on original manufacturer's label.

This letter of certification is valid through September 30, 2019 and is subject to renewal at that time.

BRAND: JA

UKD#

SKI5S3R7L3J

PRODUCT LISTING

Urea

Rabbi Eliyahu Shuman
Director of Supervision

Effective Through 09/30/2019



المجلس الإسلامي الأمريكي للغذاء و التغذية

THE ISLAMIC FOOD AND NUTRITION COUNCIL OF AMERICA

IFANCA HALAL PRODUCT CERTIFICATE شهادة حلال

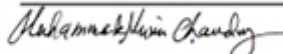
This is to certify that the following product(s) have been produced under the supervision of the Islamic Food and Nutrition Council of America (IFANCA). The production facility as well as component ingredients have been reviewed and approved. The product(s) are in compliance with the halal requirements under Islamic laws.

Date: October 30, 2018

Document #: 11880.11881.II180005

Company Name & Address: **Jinan Jiuan Ester Chemical Co., Ltd.** East of Shuinan Village, Shuizhai Town, Zhangqiu Jinan, Shandong 250101 China

Product Name	Product Code	Halal-ID	Product Certificate #
1. BETAINE ANHYDROUS	BA	C12362	HC-18JIE899
2. BETAINE HCL	BH	C12363	HC-18JIE01
3. BETAINE MONOHYDRATE	BM	C63047	HC-18JIP274
4. BETAINE NITRATE	BN	C63048	HC-18JIP975
5. CALCIUM PYRUVATE	PC	C12370	HC-18JIEA02
6. CHOLINE BITARTRATE	CB	C12365	HC-18JIEY03
7. CHOLINE CHLORIDE	CC	C12364	HC-18JIED04
8. CHOLINE DIHYDROGEN CITRATE	CDC	C12366	HC-18JIE105
9. DMAE BITARTRATE	DB	C12367	HC-18JIE407
10. SODIUM PYRUVATE	PS	C12369	HC-18JIEW09


Muhammad Munir Chaudry, Ph.D.
President



This certificate is valid until November 30, 2020 and subject to renewal at that time.

