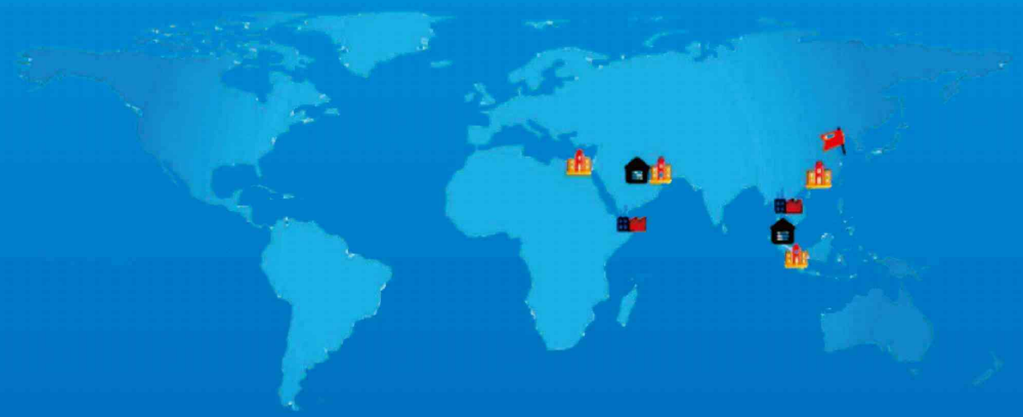
全球生产基地和服务网络
Global production plants and service network



总部 Headquarter	中国 China		仓库 Warehouse	阿联酋、马来西亚 UAE/Malaysia
分公司 Branch	阿联酋、埃及、印尼 、香港 UAE/Egypt/Indonesia/Hongkong		工厂 Factory	吉布提、老挝 Djibouti/Laos

SHANDONG HAIWANG CHEMICAL CO.,LTD
ADD:Binhai Eco&Tech Development Zone,
Weifang City, Shandong P.R. China
TEL:0086-536-7571618
FAX:0086-536-7579292
Website:www.haiwangchemical.com
Mail:mikeyang@haiwangchemical.com

HAIWANG







SHANDONG HAIWANG CHEMICAL CO., LTD

Professional Manufacturer of Bromides

WHO WE ARE



Shandong Haiwang Chemical Co., Ltd is a transnational corporation located in Binhai Eco-development District, Weifang, Shandong, China.It ranks among the top 500 chemical companies in China.

Haiwang has three overseas production bases,Lao Jinda Industrial Co.,Ltd,Lao Hongthong Industrial Sole Co., Ltd. and Djibouti Chemical S.A.S. Making use of the company's proprietary production technology, advanced management concept and local bromine resources, specializing in the production of high-quality oilfield chemicals, flame retardants, water treatment chemicals and electronic grade chemicals, Haiwang is a comprehensive chemical manufacturer.

QUALIFICATION ISO CERTIFICATE

Headquarter


CERTIFICATE OF CONFORMITY
QUALITY MANAGEMENT SYSTEM CERTIFICATION
NO. 19421Q20000021R
This is to certify that the Quality Management System of
SHANDONG HAIWANG CHEMICAL CO., LTD.
is in conformity with
GB/T 19001-2016/ISO 9001:2015
This system is valid for
PRODUCTION OF MCA, INDUSTRIAL SALTS, INDUSTRIAL BROMINE,ORGANOBROMINE, ETHER, DECABROMODIPHENYL ETHANE, HYDROBROMIC ACID, TETRABROMOBISPHENOL A, BROMOHYDROCARBON AND KFT. (PRODUCTION LICENSE IS REQUIRED ACCORDING TO THE SCOPE OF THE ACCORDING TO THE SCOPE OF THE LICENSE)(ALSO THE ACTIVITIES BY SHANDONG HAIWANG CHEMICAL CO., LTD. LOCATED AT HAIWANG WEST STREET, GANGZI STREET, BINHAI ECONOMIC DEVELOPMENT ZONE, WEIFANG CITY, SHANDONG PROVINCE)
Further clarifications regarding the scope of this certificate and the applicability of GB/T 19001-2016/ISO 9001:2015 requirements may be obtained by the body organization. Certificate is the validity period, the regular supervision review of the user effectively. This certificate information is available on the official website of the agency and Certification & Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).
Issue date: 09-27-2021 Term of validity: 09-27-2021 TO 09-17-2024
Representative of the company (Director)
SEATONE 世通国际认证


CERTIFICATE OF CONFORMITY
ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATION
NO. 19421E10108R1M
This is to certify that the Environmental Management System of
SHANDONG HAIWANG CHEMICAL CO., LTD.
is in conformity with
GB/T 24001-2016/ISO 14001:2015
This system is valid for
PRODUCTION OF MCA, INDUSTRIAL SALTS, INDUSTRIAL BROMINE,ORGANOBROMINE, ETHER, DECABROMODIPHENYL ETHANE, HYDROBROMIC ACID, TETRABROMOBISPHENOL A, BROMOHYDROCARBON AND KFT. (PRODUCTION LICENSE IS REQUIRED ACCORDING TO THE SCOPE OF THE LICENSE)(ALSO THE ACTIVITIES BY SHANDONG HAIWANG CHEMICAL CO., LTD. LOCATED AT HAIWANG WEST STREET, GANGZI STREET, BINHAI ECONOMIC DEVELOPMENT ZONE, WEIFANG CITY, SHANDONG PROVINCE)
Further clarifications regarding the scope of this certificate and the applicability of GB/T 24001-2016/ISO 14001:2015 requirements may be obtained by the body organization. Certificate is the validity period, the regular supervision review of the user effectively. This certificate information is available on the official website of the agency and Certification & Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).
Issue date: 09-27-2021 Term of validity: 09-27-2021 TO 09-17-2024
Representative of the company (Director)
SEATONE 世通国际认证


CERTIFICATE OF CONFORMITY
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION NO. 19421S00099R1M
This is to certify that the Occupational Health And Safety Management System of
SHANDONG HAIWANG CHEMICAL CO., LTD.
is in conformity with
GB/T 45001-2020/ISO 45001:2018
This system is valid for
PRODUCTION OF MCA, INDUSTRIAL SALTS, INDUSTRIAL BROMINE,ORGANOBROMINE, ETHER, DECABROMODIPHENYL ETHANE, HYDROBROMIC ACID, TETRABROMOBISPHENOL A, BROMOHYDROCARBON AND KFT. (PRODUCTION LICENSE IS REQUIRED ACCORDING TO THE SCOPE OF THE LICENSE)(ALSO THE ACTIVITIES BY SHANDONG HAIWANG CHEMICAL CO., LTD. LOCATED AT HAIWANG WEST STREET, GANGZI STREET, BINHAI ECONOMIC DEVELOPMENT ZONE, WEIFANG CITY, SHANDONG PROVINCE)
Further clarifications regarding the scope of this certificate and the applicability of GB/T 45001-2020/ISO 45001:2018 requirements may be obtained by the body organization. Certificate is the validity period, the regular supervision review of the user effectively. This certificate information is available on the official website of the agency and Certification & Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).
Issue date: 09-27-2021 Term of validity: 09-27-2021 TO 09-17-2024
Representative of the company (Director)
SEATONE 世通国际认证

Djibouti plant


萬泰認證
Quality Management System Certificate
This is to certify that the Management System established by
DJIBOUTI CHEMICAL S.A.S.
Registered address: Maison du sel, Ghoubet, Djibouti
Factory address: Maison du sel, Ghoubet, Djibouti
Office address: PK-17, Balbala District, Djibouti
has been assessed to comply with the requirements of the standard
GB/T19001-2016 / ISO9001:2015
Scope of certification:
Production of Sodium bromide,Calcium bromide and IBC tanks
IAF CNAS
First Surveillance Second Surveillance Third Surveillance
General Manager:Wang Xiaodong


萬泰認證
Environmental Management System Certificate
This is to certify that the Management System established by
DJIBOUTI CHEMICAL S.A.S.
Registered address: Maison du sel, Ghoubet, Djibouti
Factory address: Maison du sel, Ghoubet, Djibouti
Office address: PK-17, Balbala District, Djibouti
has been assessed to comply with the requirements of the standard
GB/T24001-2016 / ISO14001:2015
Scope of certification:
Environmental management involved in the production of Sodium bromide, Calcium bromide and IBC tanks
IAF CNAS
First Surveillance Second Surveillance Third Surveillance
General Manager:Wang Xiaodong


萬泰認證
Occupational Health and Safety Management System Certificate
This is to certify that the Management System established by
DJIBOUTI CHEMICAL S.A.S.
Registered address: Maison du sel, Ghoubet, Djibouti
Factory address: Maison du sel, Ghoubet, Djibouti
Office address: PK-17, Balbala District, Djibouti
has been assessed to comply with the requirements of the standard
GB/T 45001-2020 / ISO45001:2018
Scope of certification:
Occupational health and safety management involved in the production of Sodium bromide, Calcium bromide and IBC tanks
IAF CNAS
First Surveillance Second Surveillance Third Surveillance
General Manager:Wang Xiaodong

Laos plant


萬泰認證
Quality Management System Certificate
This is to certify that the Management System established by
LAOHONGTHONG INDUSTRIAL SOLE CO.,LTD
Registered address: Sirban Nuea Village, Sikhoabaleng District, Vientiane Capital,
Factory address: Dongsat Village, Thalheh District, Khammouane Province, LAOS P.D.R
has been assessed to comply with the requirements of the standard
GB/T19001-2016 / ISO9001:2015
Scope of certification:
Production of sodium bromide, calcium bromide, IBC drums
IAF CNAS
First Surveillance Second Surveillance Third Surveillance
General Manager:Wang Xiaodong


萬泰認證
Environmental Management System Certificate
This is to certify that the Management System established by
LAOHONGTHONG INDUSTRIAL SOLE CO.,LTD
Registered address: Sirban Nuea Village, Sikhoabaleng District, Vientiane Capital,
Factory address: Dongsat Village, Thalheh District, Khammouane Province, LAOS P.D.R
has been assessed to comply with the requirements of the standard
GB/T24001-2016 / ISO14001:2015
Scope of certification:
Environmental management involved in the production of sodium bromide, calcium bromide, IBC drums
IAF CNAS
First Surveillance Second Surveillance Third Surveillance
General Manager:Wang Xiaodong


萬泰認證
Occupational Health and Safety Management System Certificate
This is to certify that the Management System established by
LAOHONGTHONG INDUSTRIAL SOLE CO.,LTD
Registered address: Sirban Nuea Village, Sikhoabaleng District, Vientiane Capital,
Factory address: Dongsat Village, Thalheh District, Khammouane Province, LAOS P.D.R
has been assessed to comply with the requirements of the standard
GB/T 45001-2020 / ISO45001:2018
Scope of certification:
Occupational health and safety management involved in the production of sodium bromide, calcium bromide and IBC drums
IAF CNAS
First Surveillance Second Surveillance Third Surveillance
General Manager:Wang Xiaodong

Product Catalog



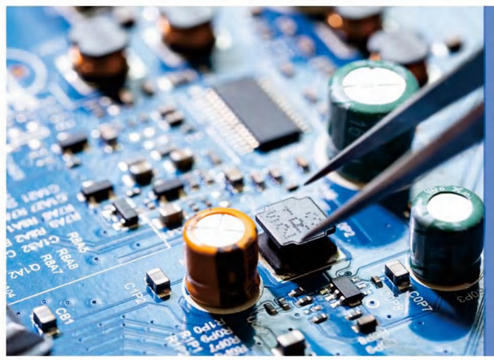
Oil Field Chemicals

Sodium Bromide	Barite
Calcium Bromide	CMC
Zinc Bromide	PAC
Zinc&Calcium Bromide	HEC
Calcium Chloride	Others

Water Treatment Chemicals

Sodium Hydroxide
Liquid Chlorine
Sodium Hypochlorite
Hydrochloric Acid

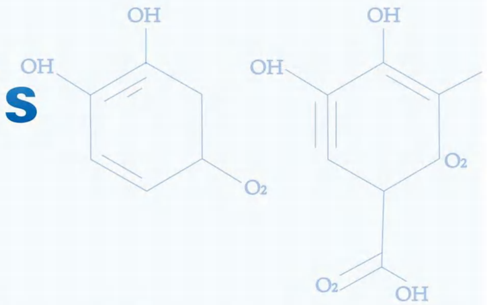




Electronic Grade Chemicals

Hydrogen Chloride Anhydrous
Hydrogen Bromide Anhydrous
High Purity Hydrogen

Oil Field Chemicals



NaBr–Sodium Bromide

CAS No.:7647-15-6

Mainly used as weighting agent for well completion fluids, sensitization file,pharmaceuticals,flavors and water treatment,also the important materials on pesticides,perfumes and dyes industry.

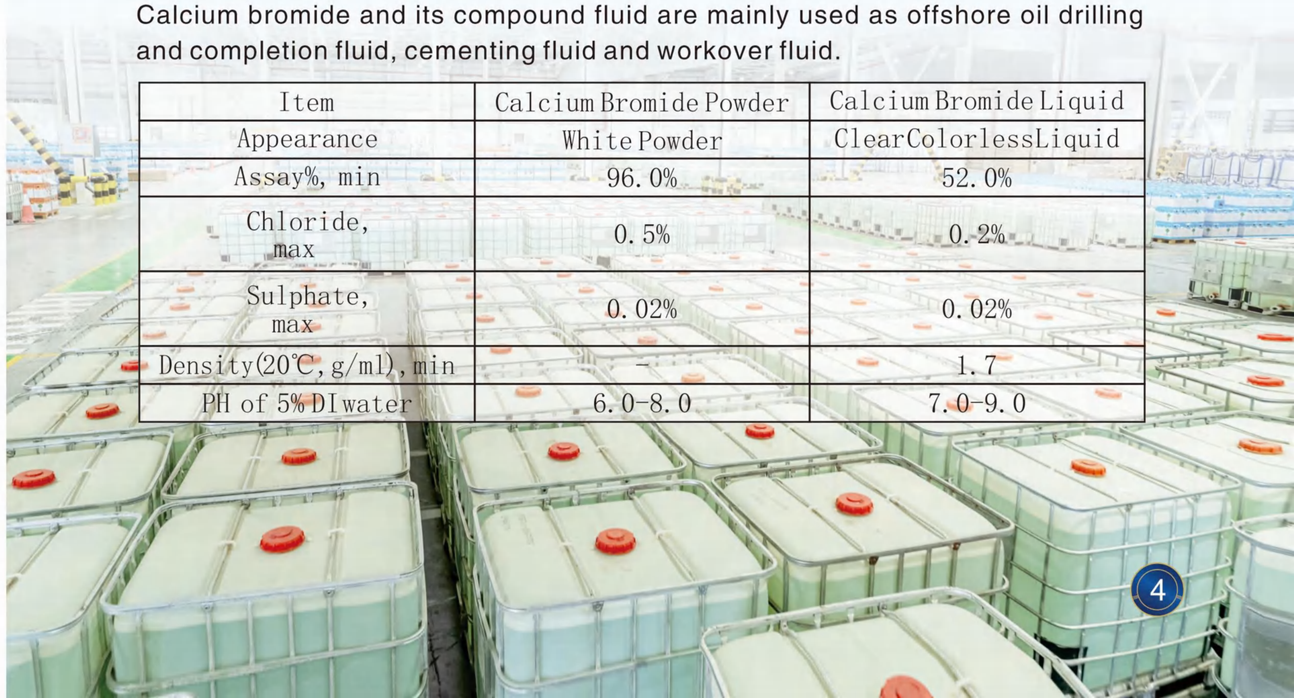
Item	Sodium Bromide Powder	Sodium Bromide Liquid
Appearance	White Powder	Clear Colorless Liquid
Assay%, min	98.5%	45.0%
Chloride, max	1.0%	0.5%
Sulphate, max	0.02%	0.02%
Density(20℃,g/ml),min	-	1.5
PH of 5% DI water	5.5-8.5	5.5-8.5

$CaBr_2$–Calcium Bromide

CAS No. :7789-41-5

Calcium bromide and its compound fluid are mainly used as offshore oil drilling and completion fluid, cementing fluid and workover fluid.

Item	Calcium Bromide Powder	Calcium Bromide Liquid
Appearance	White Powder	Clear Colorless Liquid
Assay%, min	96.0%	52.0%
Chloride, max	0.5%	0.2%
Sulphate, max	0.02%	0.02%
Density(20℃,g/ml),min	-	1.7
PH of 5% DI water	6.0-8.0	7.0-9.0



$ZnBr_2$–Zinc Bromide

CAS No. :7699-45-8

The liquid zinc bromide is mainly used to formulate work over and completion fluids .

Item	ZincBromide Liquid
Appearance	Clear Colorless to pale yellow Liquid
Assay%, min	70.0%
Chloride, max	0.5%
Sulphate, max	0.02%
Density(20℃, g/ml), min	2.3
PH of 5% DI water	2.0 - 6.0

$CaBr_2$&$ZnBr_2$–Calcium&Zinc Bromide Mixture

CAS No. :7789-41-5

The Calcium&Zinc Bromide is mainly adopted to generate water-based workover, completion, drilling andfracturing liquids in the density range of 2.3g/ml. These liquids are solids-free and very stable under high temperature and high pressure conditions.

Item	Calcium&ZincBromide Mixture
Appearance	Clear Colorless to pale yellow Liquid
$ZnBr_2$%, min	50.0%-55.0%
$CaBr_2$%, min	19.0%-25.0%
Chloride max,	0.5%
Sulphate max,	0.02%
Density(20℃, g/ml), min	2.3
PH	0.0-2.0

$CaCl_2$–Calcium Chloride

CAS No. :10043-52-4

Calcium chloride drilling fluid has low water activity and strong ability to inhibit shale dispersion.Calcium chloride can also be used as a snow removal agent, desiccant, dehydrator, antifreeze agent, etc.

Item	Calcium Chloride	Calcium Chloride
Appearance	White Flakes	White Granules
Assay %, min	77%	94%
Alkalinity(As $Ca(OH)_2$)	≤0.1%	≤0.15%
Total Alkali Chloride (As NaCl)	≤5.0%	≤5.0%
Water Insoluble	≤0.15%	≤0.15%
Iron(As Fe)	≤0.006%	≤0.003%
Total Magnesium (As $MgCl_2$)	≤0.5%	≤0.5%
Sulfate(As $CaSO_4$)	≤0.05%	≤0.05%
PH	7.5-11.0	7.5-11.0

Barite

CAS No. :7727-43-7

Universally used as weighting agent,meets API specifications.

Item	Barite
SpecificGravity, g/cc	4.20Mini
Barium Sulfate Content, Wt. Percent	90 Min
Watersolublealkalineearth metalasCalcium,mg/kg	200 Max
Water solubletotalSulfide, mg/l	70 Max
Water soluble total Carbonate mg/l	2500 Max
MethyleneBlueTest,meq/100g	0.5 Max
lronContent, Wt.Percent	0.27 Max
PH	10 Max

Carboxymethyl Cellulose(CMC) –Oil Drilling Grade

CMC is a high-purity, refined cellulose ether made from natural cellulose. The product is white powder in appearance. After dissolution, it has high light transmittance and better rheological and thixotropic properties. It has a high degree of substitution and strong acid and salt resistance.

Item\Type	CMC HV	CMC LV
Degree of substitution(DS)	≥0.92	≥0.92
Viscosity (2% aqueous solution, NDJ-79 viscometer, 25℃),mPa.s	>1200	<100
Chloride(NaCl%)	≤3.0	≤3.0
Drying loss,%	≤10.0	≤10.0
pH	6.0～8.5	6.0～8.5
Heavy Metals(Pb%)	≤0.0015	≤0.0015
Iron(Fe)(%)	≤0.02	≤0.02
Arsenic(As)(%)	≤0.0002	≤0.0002

Polyanionic Cellulose (PAC) –Oil Drilling Grade

Polyanionic cellulose (PAC) is a white or slightly yellow powder, non-toxic and tasteless. It can be dissolved in water, has good heat stability and salt resistance, and strong antibacterial properties. The mud fluid prepared with this product has good water loss reduction, inhibition, and high temperature resistance. It is widely used in oil drilling, especially salt water wells and offshore oil drilling.

Item\Type	PAC-HV-1	PAC-HV-2	PAC-LV-1	PAC-LV-2
Degree of substitution(DS)	≥0.85	≥0.9	>0.95	≥0.95
Viscosity	≥1600mpa.s	≥1600mpa.s	50-100mpa.s	80-100mpa.s
Moisture	≤10%	≤9%	≤10%	≤10%
pH	6.5~8.5	6.5~8.5	6.0~8.5	6.0~8.5
2% solution NDJ-79 viscometer, 25℃				

Hydroxyethyl cellulose (HEC) –Oil Drilling Grade

HEC can be used in petroleum drilling fluids. It is a water-based emulsion, chemical agent and fluid loss agent that has a significant reinforcing effect in saltwater drilling fluids. It can also be used as a fluid loss reducer for oil and gas well coagulants.

Item	Index
Appearance	White or slightly white yellow powder
Degree of substitution(DS)	1.8-2.3
Water insoluble matter(%)	≤0.5
Viscosity(Brookfield RVT 2%, 20℃)	5000cps-50000cps
Drying loss,(wt%)	≤6
Ash(wt%)	≤8
PH	5.0-9.0

Others

Product	Assay	CAS No.	Molecular Formula
Xanthan Gum	99.0%	11138-66-2	(C35H49029)n
Potassium Formate Liquid	75.0%	590-29-4	HCOOK
Potassium Formate Powder	97.0%	590-29-4	HCOOK
Potassium Chloride	99.0%	7447-40-7	KCI
Sodium Formate	98.0%	141-53-7	HCOONa
Calcium Formate	98.0%	544-17-2	$C_2H_2O_4Ca$
Soda Ash Light	99.2%	497-19-8	Na_2CO_3
Soda Ash Dense	99.2%	497-19-8	Na_2CO_3
Sodium Bicarbonate	99.0%	144-55-8	$NaHCO_3$