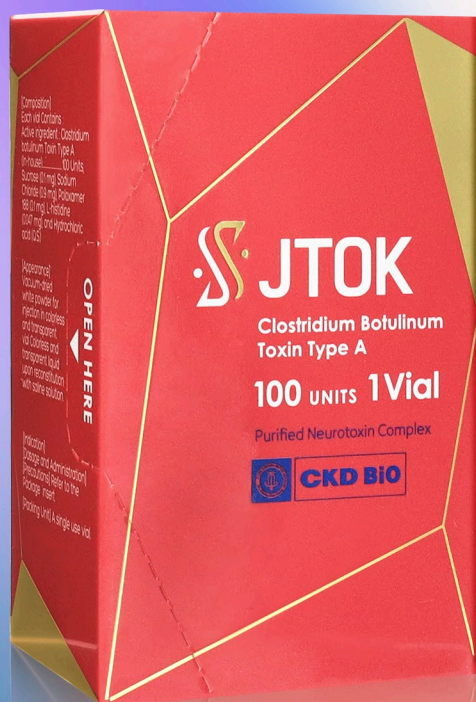




*New Revolution Of New
Botulinum Toxin Type A*

Clostridium Botulinum Toxin Type A

www.jtokbio.com



Active Ingredient	L'Histidine, Sodium Chloride, Poloxamer 188, & Hydrochloric Acid
Dosage	100 Units/vial 200 Units/vial
Appearance	A thin, transparent circled powder layer that is very well vacuumed at the bottom of the bottle.
Indication	The temporary improvement in the appearance of moderate to severe glabellar lines.
Shelf life	36 months from the date of manufacture
Storage	the unopened lyophilized vial should be stored in a freezer (below -5°C or refrigerator(2~8°C)



Jtok was developed in one of the top three Pharmaceutical IABS In Korea (CKD BIO).

One of the first Botulinum Toxin that contains L'Histidine that works as a skinbooster with the new liquide

High biological activities from exclusive C. botulinum, X5854011.

Exclusive C. botulinum strain identified by European Institute.



CKD BIO

www.jtokbio.com





Comparision

	Company X	JTOK	Function
Strain	ATCC 3502 or Soil from Korea	X58540 from European Institutes	C. Botulinum toxin type A
Formulation	Human Serum Albumin	Sucrose Amino Acid	Stabilizing Protein
Purity	95%	≤99.9%	Purity Level
Stability	Cooling 2~8°C	Cooling 2~8°C Or Room Temperature	Storage
Excipient	N/A	L-Histidine	
Dehydration Process	Lyophilization	Vacuum Dehydration	

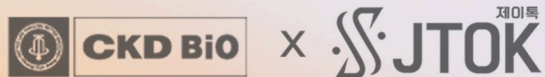


JTOK



PRODUCT X

Vacuum Dehydration
 No power residue
 Better quality of the product
 No denaturalization while diluted



Highlights



vacuum-dried powder tech It minimizes denaturalization such as foam or molecular breakage when diluted



World class quality system
GMP manufacturing system certified by US FDA, TGA, PMDA, AIFA, ANVISA, COFEPRIS, WHO, etc.



JTOK is made with the usage of the most modern technologies, making it highly effective toxin with the purity ratio of $\leq 99.9\%$.



One-off botanic toxin with non-animal process



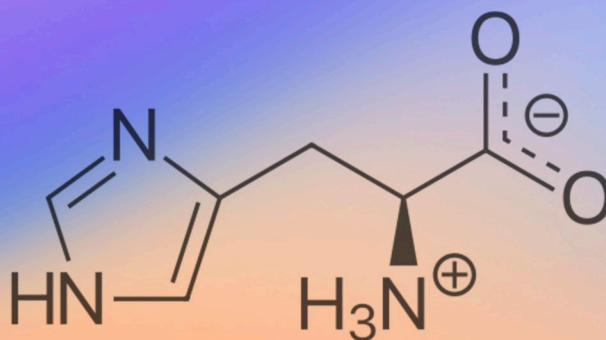
DNA sequence registered in NCBI GeneBank database



High stability with advance purification process

SPECIAL ACTIVE INGREDIENT

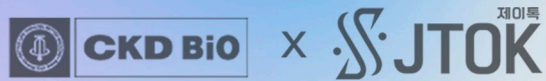
L'HISTIDINE



What is Histidine?

Histidine is an essential-amino acid that is used in the biosynthesis of proteins. Initially thought essential only for infants, it has now been shown in longer-term studies to be essential for adults

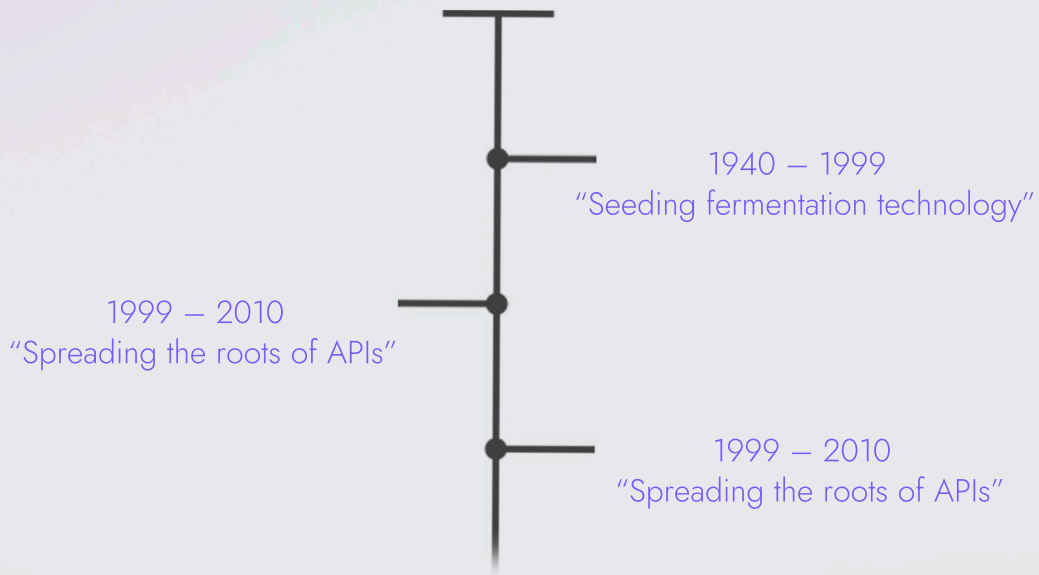
L-Histidine boosts skin rejuvenation with proliferative effect



CKD Bio

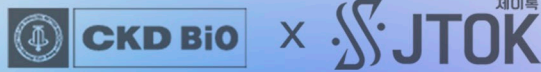
Established in 1941
TOP3 Pharmaceutical company in South Korea

CKD Bio has been concentrating on development and manufacture of high value-added products through trend-leading R&D based on our world-class



«After being certified by Korean FDA for BGMP in 1999, CKD Bio has been obtaining various MOHs' GMP certifications.»





Licensing Status CKD Bio

Established in 1941
TOP3 Pharmaceutical company in South Korea

■ 감염병의 예방 및 관리에 관한 법률 시행규칙 [별지 제15호서식] <신상 2018. 6. 12.>
허가번호(신고확인번호) 제KCCDC-HP-20-2-07호

고위험병원체 취급시설 설치·운영

허가서 신고확인서
허가사항 변경허가서
허가사항 변경신고확인서
신고사항 변경신고확인서

본 []에는 비호되는 곳에 [] 표를 합니다.

신상인 (신고인)	최희정	사업자등록번호(법인등록번호)	718-85-01280
신상인 주소	충청북도 청주시 흥덕구 오송읍 오송생명4로 22	대표자 성명	대표자 생년월일
시설의 설치·운영 책임자	김희정	이정진	1964. 10. 11.
생물안전관리책임자	김희정	사업장 주소	전화번호
고위험병원체의 전달관리자	김희정	충청북도 청주시 흥덕구 오송읍 오송생명4로 22	043-290-9429
시설종류	[] 일반 [] 대량배양 [] 동물이용 [] 관음이용	시설의 설치·운영 책임자	전화번호
허가내용 (신고내용)	설치·운영 장소(주소) 주식회사충청대바이오오송생명 2층 연구수역(342.0 m ²)	생물안전관리책임자	043-290-9420
	안전관리등급	생물안전 2등급	043-290-9420
	취급 병원체의 명칭	Clostridium botulinum type A, B, E, F	043-290-9429
	허가 조건		

「감염병의 예방 및 관리에 관한 법률」 제23조제2항·제3항·제4항, 같은 법 시행령 제19조의2제4항·제6항, 제19조의3제2항·제5항 및 제19조의4제2항, 같은 법 시행규칙 제20조의2제2항·제4항, 제20조의3제2항·제4항 및 제20조의4제2항에 따라 위와 같이 고위험병원체 취급시설의 설치·운영에 대한

[] 허가신청사항을 허가합니다.
[] 신고(재발급 포함)를 확인합니다.
[] 허가사항에 대한 변경을 허가합니다.
[] 허가사항에 대한 변경신고를 확인합니다.
[] 신고사항에 대한 변경신고를 확인합니다.

2020년 9월 28일
질병관리청장

■ 화학유기·생물유기 등의 특정화학물질·생물작용제 등의 제조·수출입 규제 등에 관한 법률 시행규칙 [별지 제4호서식] <신상 2019.4.13.>

1종화학물질(생물작용제등) 수입허가서

- 상 호: (주)증근바이오
- 대 표 자: 이정진 (사업자등록번호: 134-85-20776)
- 주 소: 경기도 안산시 단원구 신원로 282 (전화번호: 02-2194-0540)
- 물질 명칭: Clostridium botulinum [CAS No. (화학색인정보등록번호) -]
- 품목분류번호(HSK No.): 3002.90.4000
- 수입국가: 독일
- 수입기간: 2019년 6월 17일 ~ 9월 30일

「화학유기·생물유기 등의 특정화학물질·생물작용제 등의 제조·수출입 규제 등에 관한 법률」 제12조제1항 및 같은 법 시행규칙 제7조에 따라 1종화학물질(생물작용제등)의 수입을 허가합니다.

2019년 6월 14일

산업통상자원부 장관인

■ 감염병의 예방 및 관리에 관한 법률 시행규칙 [별지 제15호서식] <신상 2018. 6. 12.>
Estimational Regulation of the Infectious Disease Control and Prevention Act (Annex Form No. 10)

고위험병원체 반입허가서 (PERMIT TO IMPORT HIGH-RISK PATHOGENS)

[] 표시는 비호되는 곳에 [] 표를 합니다.

신상인 (Permittee)	주식회사증근바이오 (법인명) 증근바이오 (대표명) 증근바이오 (주소) 안산시 단원구 신원로 282	사업자등록번호(Licensee's Registration Number)	134-85-20776
수출국가 (Origin of Imported Pathogen)	독일 (Germany) Mainzstraße 7, 37079 Göttingen, Germany	전화번호 (Telephone Number)	02-2194-0540
고위험 병원체 취급 기관 (Name of Importer/Recipient of Imported Pathogen)	증근바이오 (법인명) 증근바이오 (대표명) 증근바이오 (주소) 안산시 단원구 신원로 282	대용량수 (Volume of Recipient)	100ml
고위험 병원체 명칭 (Name of High-risk Pathogen)	Clostridium botulinum type A	수용 (Quantity)	20

「감염병의 예방 및 관리에 관한 법률」 제23조제2항 및 같은 법 시행규칙 제20조의2제1항에 따라 고위험병원체 인수출입을 사전에 허가하고 고위험병원체 안전성을 허가합니다.

You shall designate a place to acquire of High-Risk Pathogens in advance and should be performed to report to acquire of High-Risk Pathogen in accordance with Paragraph 3, Article 22 of "Infectious Disease Control and Prevention Act" and Paragraph 1, Article 20 of "Enforcement Regulations".

○ 고위험병원체 반입허가(신고번호) 부여: 2019-06-14 (제2020-01-02호)

○ 반입허가(신고번호) 부여: 2019-06-14 (제2020-01-02호)

○ 반입허가(신고번호) 부여: 2019-06-14 (제2020-01-02호)

「감염병의 예방 및 관리에 관한 법률」 제23조제4항 및 같은 법 시행규칙 제19조의2제4항에 따라 고위험병원체 반입을 허가합니다.

The Centers for Disease Control and Prevention hereby grants the permit to import high-risk pathogens in accordance with Paragraph 1 of Article 22 of the Infectious Disease Control and Prevention Act and with Paragraph 2 of Article 19 of the Enforcement Regulations of the said Act.

2019년 6월 14일
질병관리본부장 (Director of the Centers for Disease Control and Prevention)

08/14/2018: CONFIDENTIAL
Draft License Agreement

LICENSE AGREEMENT

THIS LICENSE AGREEMENT (this "Agreement") is entered into as of [], 2018 (the "Effective Date"), by and among:

주식회사증근바이오, a corporation duly organized and existing under the laws of Germany with its registered office located at Marie-Curie-Str. 7, Göttingen 37079, Germany ("Licensor");

FRANK GESSLER, a [German national with German passport number [*]] ("Guarantor"); and

CHONG KUN DANG BIO CORP., a corporation duly organized and existing under the laws of the Republic of Korea ("Korea") with its registered office located at 8, Chungjeong-ro, Seodaemun-gu, Seoul 03742, Republic of Korea ("Licensee").

Each of Licensor, Licensee and Guarantor is referred to herein individually as a "Party" and collectively, as the "Parties."

WITNESSETH:

WHEREAS, Licensor has developed, owns or has rights to the Strain including proprietary information relating thereto; and

WHEREAS, Licensor wishes to grant Licensee a perpetual, worldwide, **exclusive license with respect to the Strain and certain other rights as provided hereunder.**

NOW, THEREFORE, in consideration of the covenants and obligations expressed herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the Parties agree as follows:

Anlage C 1: EUC for the export and transfer of dual-use items

Chong Kun Dang Bio
Seoul, Korea

CKD Bio Corp. 8 Chungjeong-ro, Seodaemun-gu, Seoul 03742 Korea

END-USE CERTIFICATE (EUC)
FOR PRESENTATION TO THE EXPORT CONTROL AUTHORITIES OF THE FEDERAL REPUBLIC OF GERMANY

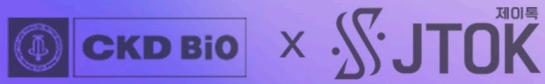
Section A – Parties

Consignee (name, address, contact details and website in block letters)
CKD Bio Corp.
8 Chungjeong-ro, Seodaemun-gu, Seoul 03742, Korea
<http://www.ckdbio.com>
TEL: +82-2-2194-0555

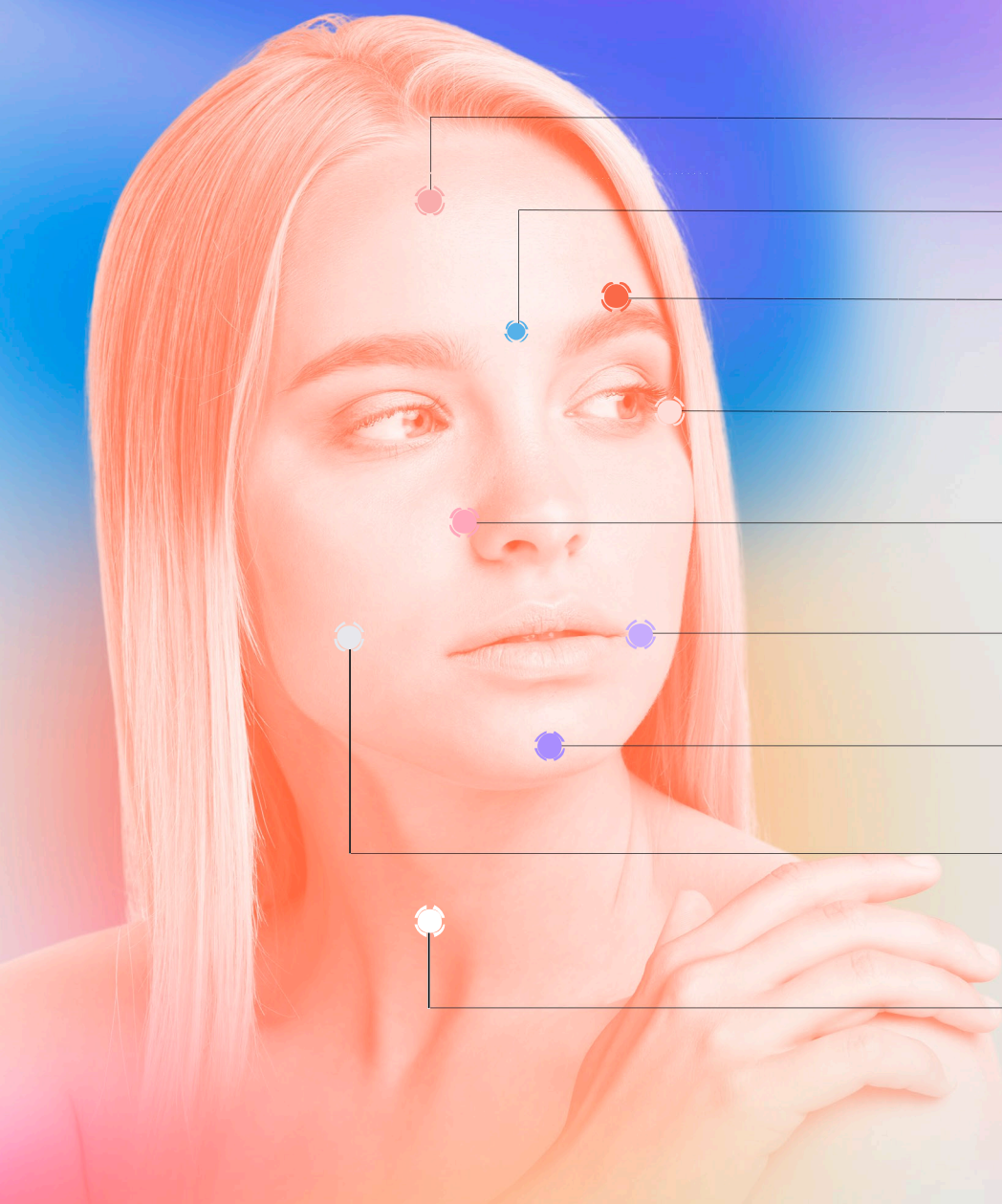
End-user (name, address, contact details and website in block letters) if different from consignee
CKD Research Institute
315-20, Dongbaekjukjeon-daero, Giheung-gu, Yongin-si, Gyeonggi-do, Bio Engineering Lab., 16995 Korea

Supplier (name, address, contact details and website in block letters)
MiproLab GmbH
Marie-Curie-Strasse 7, 37079 Göttingen, Germany
<http://www.miprolab.com>
TEL: +49 551 495668-0, 12 (Ext.)





Application & Dosage



Forehead Lines
10-30 units

Frown Lines
10-25units

Eyebrow Lift
2-5units

Crows Feet
5-15units

Bunny Lines
5-10units

Smile Lift
3-6units

Dimpled Chin
2-6units

Masseters
15-50units

Neck Lines
25-50units



CKD Bio × JTOK ^{제이톡}

Before & After

