

Pharmacopoeia Grade Bio Grade Products

Pharmaceutical Products

Duksan Licensed Imported Pharmaceutical Products

Products for Oligo synthesis

Sodium hydroxide 50% for Bioprocess

Ethanol 70% sterile Spray, IPA 70% sterile Spray

Pharmacopoeia Grade Products

According to the requirements of the Pharmaceuticals Industry

Pharmaceutical Products	Grade	Pakaging(Product Code)
Acetic Acid 30%	KP	4L (4864)
Acetic Acid glacial	KP	1kg(427) / 20kg(444) / 3.8L(6093) / 210kg(6088)
Acetone	BP	18L(526) / 200L(530)
Anhydrous Ethanol (Fermented)	KP	1L(3363) / 18L(69) / 200L(2971)
Ethyl Acetate	NF	18L(2833)
Ethanol (Fermented)	KP	18L(22) / 200L(19)
Formalin	KP	19.5kg(3478)
Glycerine	KP	20kg(784)
Iso-Propyl Alcohol	KP	18L(863) / 200L(864)
Methylene Chloride	NF	24kg(587) / 250kg(600)
Sodium Acetate trihydrate	KP	1kg(1732) / 25kg(917)
Sodium Chloride	KP	1kg(85) / 25kg(1639)
Starch Corn	KP	20kg(845)

KP : Korean Pharmacopoeia, **BP** : British Pharmacopoeia, **USP** : United States Pharmacopeia

USP NF : US Pharmacopoeia National Formulary, **JP** : Japanese Pharmacopoeia

Ph.Eur : European Pharmacopoeia

Duksan Licensed Imported Pharmaceutical Products



Tomita



BIHOKU



Kirsch Pharma



novabay
novabay group

Maker	Products	Grade	Pakaging
CFL	Calcium Chloride dihydrate	USP/Ph.Eur/JP/FCC	25 kg
	Magnesium Chloride hexahydrate	USP/Ph.Eur	25 kg
	Magnesium Sulfate heptahydrate	USP/Ph.Eur	25 kg
	Potassium Chloride	USP/Ph.Eur/JP/FCC	25 kg
Kirsch Pharma	Calcium carbonate light	FCC/USP	25 kg
	Potassium Hydroxide Pellet 85%	Ph Eur/BP/NF	25 kg
	Sodium Hydroxide Pellet	Ph Eur/BP/NF	25 kg
	Urea	USP/BP/Ph.Eur	25 kg
	Edetate disodium	Ph.Eur	25 kg
Bihoku	Calcium Carbonate heavy	JP	25 kg
Novabay	Sodium Bicarbonate	USP/Ph.Eur	25 kg
HEBEL	Sodium Bicarbonate	BP	25 kg
Tomita	Calcium silicate	NF	5 kg
IIEPL	Lactose monohydrate	USP/BP/EP	25 kg
Salinen	Sodium Chloride	USP/Ph.Eur/BP/JP	25 kg

Products for Oligo nucleotide Synthesis

Cat No.	Description	Components
559	Diluent	ACN anhydrous
OG-R1000	Deblock	3% TCA/DCM or Toluene
OG-R2000	Activator	ETT Activator
OG-R5000	Oxidizer	THF/Water/Pyridine/Iodine
OG-R3000	Cap A	Acetic anhydride/THF
OG-R4000	Cap B	THF/1-Methylimidazole/Pyridine

- Facility by GMP Guidelines
- Controlled low water contents
- Types : ACTA, Expedite & MerMade
- Various packages

Buffers for production of mRNA vaccine

Oligo dT Buffers
NaCl + EDTA
Sodium Phosphate + NaCl + EDTA
Guanidie HCL + EDTA
Ethanol 20% and etc

- Facility by GMP Guidelines
- pH, Conductivity, Endotoxin controlled
- DNase, RNase, Proteinase free

Products for Biochemistry

Cat No.	Description	Size
BM002	1-Methylimidazole 99%	1kg
BG003	Guanidine Hydrochloride 99%	1kg, 25kg
BG004	Guanidine Thiocyanate 99%	1kg, 25kg
BM007	MES Hydrate Buffer 99%	25g, 100g, 500g
BM011	MOPS Buffer 99%	25g, 500g, 1kg
BT001	Tris Buffer for MB 99.9%	1kg, 5kg
BH010	HEPES for MB 99.5%	25g, 500g



BSA, Newborn Carf Serum

Products	Origin
Bovine Serum Albumine (BSA)	Proliant, Australia, USA
Newborn Calf Serum (NCA)	Proliant, New Zealand

Sodium hydroxide 50%

GMP Quality Information

Made quality	Made from purified DI water and sodium hydroxide pellets, NF (Multicompendial) which meets BP, Ph.Eur, and JP Chemical specification
Manufacturing area qualification	GMP grade facility and process
Product quality	No Class 1, 2, 3 or other solvents are used or produced in the manufacturing or purification of the product
Filtration method	Filtered through a 5 micron filter
Storage condition	Store above 16 degree celcius to prevent freezing
Packing size	Standard 300 gallon of IBC tote (Referenced from Mauser)

Parameter	Unit	Specification
★ Chloride	mg/kg	<30



Ethanol 70% Sterile Spray IPA 70% Sterile Spray

- Meets USP
- Filtered to 0.2um
- non-aerosol trigger spray
- Certification for testing bacteria and sterility

Sterile

Cat No.	Description	Type	Gamma – Irradiated	Size
6658	Ethyl Alcohol 70% Sterile	Spray	15Kray	1L
7575	Iso-Propyl Alcohol 70% sterile			
6985	Ethyl Alcohol 70% sterile	Gallon Bottle	25Kray	3.8L
6983	Iso-Propyl Alcohol 70% sterile			

Non Sterile

Cat No.	Description	Type	Size
7620	Ethyl Alcohol 70%	Spray	1L
7619	Iso-Propyl Alcohol 70%		
7704	Ethyl Alcohol 70%	Gallon Bottle	3.8L
7705	Iso-Propyl Alcohol 70%		



Pharmacopoeia Grade Bio Grade

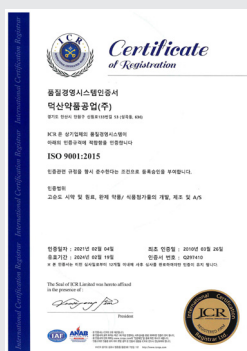
Pharmacopoeia Grade Products | Molecular Biology | Bio Chemistry

DUKSAN Pharmacopoeia Grade Products are according to the requirements of the Pharmacopoeia used in the Pharmaceutical Industry & strictly controlled according to the methods and specifications defined in the Korean Pharmacopoeia 9th Edition.

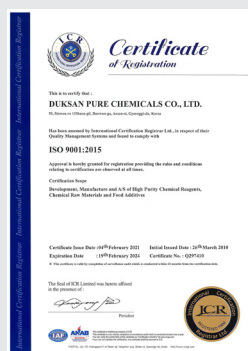
This table shows the range of DUKSAN Pharmacopoeia Grade Products

Under demand we can offer them according to other pharmacopoeias.

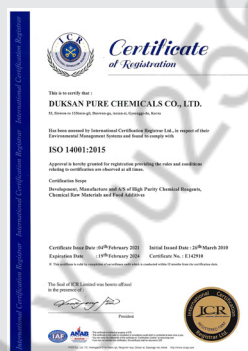
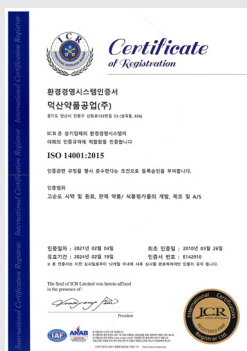
Certification of Duksan



ISO 9001 : 2015



ISO 14001 : 2015



Certificate of GMP 2021
MFDS-3A1553-1-2021-92



AEO Certificate
KR AEO 3115067

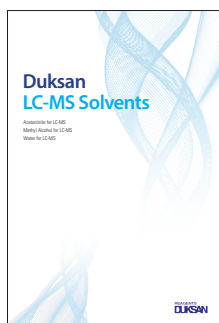
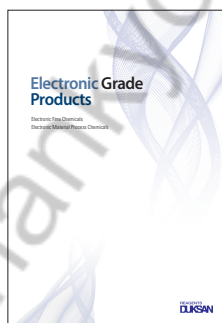
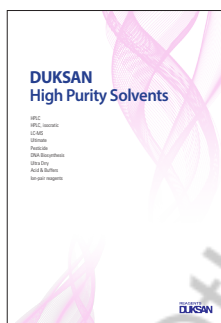


ISO 9001/ISO 14001 Qualified Company
GMP Qualified Company
Innovation-Business [INNO-BIZ]



Other business divisions

- High Purity Solvents
- Electronic Grade Products
- LC-MS Solvents



REAGENTS
DUKSAN DUKSAN
PURE CHEMICALS

HEAD OFFICE & FACTORY

53, Sinwon-ro 133beongil, Danwon-gu, Ansan-si, Gyeonggi-do, Korea TEL : +82-31-495-4055 FAX : +82-31-495-4058

JINCHEON FACTORY

13-37, Sansusandan 1-ro, Deoksan-myeon, Jincheon-gun, Chungcheongbuk-do, Korea TEL : +82-43-536-4055 FAX : +82-43-537-4055

URL Address • <http://www.duksan.kr>
E-mail Address • sales@duksan.kr

