DPL-US
A division of Dr. Paul Lohmann Inc.

Dr. Paul Lohmann specializes in the production of high quality chemical salts.

Select Ammonium Salts, North America

Art. Code	Chemical Name	Grade	Description
515005001	Ammonium Acetate	chem. pure	powder, approx. 98 %
515055001	Ammonium Acetate, sol.	technical grade	liquid solution, approx. 50 %
512025001	Ammonium Adipate	chem. pure	powder
502085001	Mono-Ammonium Citrate	chem. pure	powder
502075003	Di-Ammonium Citrate	chem. pure	crystal powder, min. 98 %
502065001	Tri-Ammonium Citrate	chem. pure	crystal powder
503003001	Fe(3)-Am. Citrate, green	NF XI	powder, 14.5-16.0 % Fe
503007003	Fe(3)-Am. Citrate, brown	chem. pure	powder, approx. 28 % Fe
503007002	Fe(3)-Am. Citrate, brown	BP 73	powder, 20.5-22.5 % Fe
503007001	Fe(3)-Am. Citrate, brown	chem. pure	powder, 16.5-18.5% Fe
503097002	Fe(3)-Am. Citrate, brown, sol.	chem. pure	liquid solution, 1.40-1.45 g/ml density approx. 15.5 % Fe
503097001	Fe(3)-Am. Citrate, brown, sol.	purities acc. USP XIV	liquid solution, 1.3 g/l density, 8-9 % Fe
503009400	Fe(3) Pyrophosphate soluble w/.Ammonium Citrate	chem. pure	powder, 10.5-12.5% Fe
502072001	Ammonium Formate	chem. pure,	crystal powder, min. 97 %
502092001	Ammonium Formate sol.	chem. pure	liquid solution, approx. 50 %
512010003	Ammonium DL-Lactate, sol.	chem. pure	liquid solution, approx. 70 %
512010004	Ammonium L-Lactate, sol.	chem. pure	liquid solution, approx. 70 %
515018001	Ammonium Oxalate	BP 73	crystal powder
515020001	Fe(3)-Ammonium Oxalate	chem. pure	fine crystal powder
505027002	Fe(2)-Ammonium Phosphate.	food grade	micronized powder, min. 23 % Fe(2)
522026001	Fe(2)-Ammonium Sulfate	chem. pure	fine crystal powder
522027001	Fe(3)-Ammonium Sulfate12-hydr.	Erg.B.6	crystal powder, min. 99 %
502066002	Di-Ammonium Tartrate	chem. pure	crystal powder, min. 98 %
522040200	Ammonium Sulfate	NF 27	crystal powder
522045000	Ammonium Bicarbonate	chem. pure	powder, 0.5% Mg-Carb

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Select Minerals for Fermentation & Cell Culture, North America

Dr. Paul Lohmann GmbH KG specializes in the production of high quality chemical salts.
All items in the selection below are available with animal-free documentation.

Item	Application Area	Remarks / Comments
Sodium β-Glycerophosphate	Cell Culture	With 10%, 7%, 5% or 2% residual α-salt
Di-Sodium L-Tyrosinate	Various Areas	Growth media additive
Sodium Acetate	Microbial & Cell Culture, Enzyme Production	pH Regulator, protein precipitation agent
Sodium Formate	Carbohydrate Fermentation, Proteolytic Cultures	Booster / jump start additive in instant dry cultures
(Di-) Sodium Fumarate	Anaerobic Microbial Cultures	Acidity regulator, terminal electron scavenger
Immuno-active Minerals (Zn, Fe, et al.)	Nutritional Supplement / Probiotic Capsules	Complementary additives specially compatibilized for lyophilized probiotics
Potassium Succinate	Microbial Enzyme Production	Promotion of chitinase / chitosanase production
Ferrous Lactate 3-hydrate, L-isomer	Agricultural Fermentation	Elective growth nutrient
Ferrous Sulfate 7-hydrate	Microbial Cultures	Growth nutrient
Magnesium Sulfate	Microbial Cultures	Growth nutrient
(Di-) Potassium Oxalate	Microbial Cultures	Calcium Scavenger
Sodium Citrates (mono-, di- and tri-basic)	Microbial Cultures	Buffering, pH regulation
(Di-) Sodium Succinate 6-hydrate	Microbial Cultures	pH regulation, surfactant
Sodium Sulfate (anhydrous and 10-hydrate)	Microbial Cultures	Buffering, pH regulation
Sodium Propionate	Microbial Cultures	Selective growth control
Nutritional Minerals	Bacterial and Yeast Cultures	Various salts of Magnesium, Iron, Calcium
Trace Elements	Nutritional Yeast Cultures	Various salts of Manganese, Zinc, Strontium, Selenium, Copper, etc.

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Select Phosphates for Biotech, North America

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All items in the selection below are available with animal-free documentation

CAS #	Chemical Name	DPL Art. Code	Grade, Description
7558-80-7	**Sodium Phosphate Monobasic** (Mono-Sodium Phosphate) **Anhydrous**	503062001	USP powder, approx. pH 4.3 (in 5% aq. sol.)
13472-35-0	**Sodium Phosphate Monobasic** (Mono-Sodium Phosphate) **2-hydrate**	503032001	USP powder, approx. pH 4.3 (in 5% aq. sol.)
7558-79-4	**Sodium Phosphate Dibasic** (Di-Sodium Phosphate) **Anhydrous**	503037001	USP powder, approx. pH 9.1 (in 5% aq. sol.)
7782-85-6	**Sodium Phosphate Dibasic** (Di-Sodium Phosphate) **7-hydrate**	503048001	USP crystal powder, approx. pH 8.8 (in 5% aq. sol.)
10039-32-4	**Sodium Phosphate Dibasic** (Di-Sodium Phosphate) **12-hydrate**	503031001	USP crystal powder, approx. pH 8.8 (in 5% aq. sol.)
7758-11-4	**Potassium Phosphate Dibasic** (Di-Potassium Phosphate) **Anhydrous**	505043001	USP powder, approx. pH 9.1 (in 5% aq. sol.).
16788-57-1	**Potassium Phosphate Dibasic** (Di-Potassium Phosphate) **3-hydrate**	505053001	Ultra-Pure, crystal powder, approx. pH 9.1 (in 5% aq. sol.)

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