



# eMPowered™ Raw Materials

Enhanced Quality Documentation | Certified Supply Chain

Cleanroom Handling

## From Small-Scale Research to Large-Scale Manufacturing

Operating under an ISO 9001:2015 quality system, MP Bio's eMPowered™ raw materials are sampled in a controlled environment and repacked in dedicated clean rooms (ISO Class 6) for animal origin (AO) and for non-animal origin (NAO), respectively. If cross-contamination is the problem, we have a solution.

### Salts & Buffers

Description	Cat. No.
2-Bromoethylamine Hydrobromide	FC0196
2-Mercaptoethanesulfonic Acid Sodium Salt	180928
alpha-Ketoglutaric Acid	180931
Ammonium Citrate Dibasic, Anhydrous; ACS	180967
Ammonium Molybdate Tetrahydrate	FC0260
Ammonium Phosphate Dibasic, meets ACS/NF/EP Reagent	FC0218
Barium Chloride Dihydrate, ACS	183008
Bis-Tris Propane	180943
Bis-Tris Propane, UltraPure	FC0034
Bis-Tris Reagent	FC0181
Calcium Pantothenate, meets USP	FC0094
Cetyltrimethylammonium Bromide	FC0002
Choline Chloride	194639
Choline Chloride, meets USP	FC0024
EDTA Disodium Salt Dihydrate, meets ACS/USP	180978
Ferrous Sulfate Heptahydrate, meets ACS/USP	FC0013
Ferric Ammonium Citrate	158040
Ferric Chloride, ACS	194045
Ferric Citrate	195181
Ferric Citrate Purified Powder	180579
HEPES Ultra Pure	180923
HEPES, ≥99.5%	FC0088
HEPES, Free Acid	194827
HEPES, Sodium Salt	194828
Linoleic Acid Sodium Salt	199875
Magnesium Acetate, Tetrahydrate, ACS Grade	FC0248
Magnesium Sulfate Anhydrous	FC0012
Magnesium Sulfate Heptahydrate, meets ACS/USP/EP/JP	FC0216
Manganese Chloride Tetrahydrate, meets USP	FC0230
Monosodium Glutamate Monohydrate, meets FCC	FC0101
MOPS Sodium Salt, >99%	180998
MOPS, Free Acid, >99%	180997
PIPES Disodium Salt	FC0102
PIPES, Free Acid	FC0234
Potassium Bromide, meets ACS/USP	FC0048
Potassium Phosphate Dibasic Trihydrate	180944
Potassium Phosphate Dibasic Trihydrate	191432
Potassium Phosphate Monobasic, ACS/NF	180991
Potassium Phosphate Monobasic, Anhydrous, ACS Grade	191430
Potassium Phosphate Tribasic, meets ACS/FCC	180969
Potassium Sulfate, meets EP	FC0065
Protamine Sulfate, meets USP/EP	FC0199
Rhodium (III) Chloride Hydrate	180942
Sodium Benzoate	180592
Sodium Borate Decahydrate, ACS	191436
Sodium Bromide, meets ACS/USP/EP	FC0198
Sodium Bromide, meets USP/EP/BP/JP	180968
Sodium Deoxycholate	FC0213
Sodium Phosphate Dibasic Anhydrous, USP	199802
Sodium Phosphate Dibasic, Anhydrous, meets USP/EP/JP	180948

Description	Cat. No.
Sodium Phosphate Monobasic Monohydrate, USP	FC0227
Sodium Pyruvate	FC0042
Thiamine HCl, meets USP/EP/BP/FCC	FC0214
Thioglycolic Acid Sodium Salt	102933
Tricine	194556
Tris	180904
Tris Hydrochloride	180905
Tris(2-carboxyethyl)phosphine Hydrochloride	180927

### Amino Acids & Enzymes

Description	Cat. No.
Ascorbic Acid, meets USP (NC)	FC0243
beta-Alanine	183006
beta-Glucuronidase	152284
Catalase, Human	191341
DL-Methionine, meets EP	FC0197
DL-Serine	102868
Glycine 99.5%	180901
Glycine, meets USP/EP	FC0105
L-Arginine, meets USP/EP	FC0215
L-Ascorbic Acid	100769
L-Asparagine Monohydrate, meets NF/EP	FC0061
L-Asparagine, Anhydrous	180661
L-Aspartic Acid Sodium Salt Monohydrate	180982
L-Aspartic Acid, meets USP/EP	FC0062
L-Cysteine	FC0171
L-Cystine	101454
L-Cystine Dihydrochloride	105576
L-Cystine Dihydrochloride, 98%	180681
L-Cystine, meets USP	183000
L-Glutamic Acid	180925
L-Histidine, Free Base, meets USP/EP	180996
L-Hydroxyproline	FC0120
L-Lysine Hydrochloride, meets USP/EP/JP	FC0249
L-Lysine, Anhydrous	180980
L-Methionine, meets EP	FC0016
L-Proline, meets USP/EP/JP	FC0089
L-Tyrosine Disodium Salt Dihydrate, ≥98%	183010
L-Valine, meets USP/EP/JP	FC0090
N-Acetyl-L-Cysteine, USP	180983
Proteinase K	193504
Ribonuclease A	101076
Ribonuclease A, Mol Bio Reagent	193980
Ribonuclease, DNase Free	FC0003
rProteinase K	180660
Sodium Ascorbate, meets USP/EP	FC0240
Streptokinase	101114
Superoxide Dismutase	190117
Thrombin, Bovine	101141

## Nucleosides & Nucleotides

Description	Cat. No.
2-Deoxycytidine Hydrochloride	101483
5-Methyl-2'-Deoxycytidine	180922
Adenine Hemisulfate Dihydrate	FC0023
Adenine Hydrochloride 98%	FC0261
Adenine Hydrochloride, Cell Culture Reagent	194608
Adenine, USP	199905
Adenosine, USP	199803
Cytidine, ≥99.6%	180694
Cytidine, Free Base	194651
Guanine Hydrochloride	180689
Thymidine	194754
Thymine	103060
Uridine	103216
Uridine, Cell Culture Reagent	194763

## Specialty Chemicals

Description	Cat. No.
2-Deoxy-D-Ribose	FC0019
2'-Deoxyguanosine Monohydrate	FC0052
3-Aminopropyltriethoxysilane	FC0025
Agar, meets NF	FC0092
alpha-Cyclodextrin	180930
alpha-Lipoic Acid, meets USP/EP	FC0246
Ascorbic Acid, meets USP/BP	FC0047
beta-Estradiol 98%	FC0257
BOC-Asp(OMe)-Fluoromethyl-Ketone	FK011
Capreomycin Sulfate, meets USP	180699
Caprylic Acid Sodium Salt, meets EP	180716
Cephalothin	194155
Chaps	190319
Chapso	190320
Chloramphenicol, meets EP	180919
D-(-)-Ribose	183016
D-(+)-Maltose Monohydrate, meets USP	FC0009
D-(+)-Raffinose Pentahydrate, 99%	FC0083
Demecolone	190195
Dexamethasone 97%	FC0259
Dextran Sodium Sulfate, MW=6,000-8,000	101518
Dextran, 60,000 - 90,000	183009
Dextran, MW=35,000-50,000	101508
Dextran, MW=60,000 - 90,000	180140
Dextrose Monohydrate, meets USP	FC0026
Dextrose, Anhydrous, meets USP	FC0044
D-Glucosamine Hydrochloride, USP Grade	199893
D-Glucose, meets USP	180977
D-Mannitol, ACS	152540
D-Mannitol, meets USP/EP/BP	180966
Doxycycline Hyclate, USP	198955
D-Xylose, meets USP	FC0032
EGTA 98%	FC0263
Flavin Adenine Dinucleotide, Disodium (FAD, Na <sub>2</sub> )	180680
Fumaric Acid, meets USP	FC0242
Galactose, meets EP, Plant Origin	180648
gamma-Aminobutyric Acid 99%	FC0258
Glutathione Reduced, >99%	180990
Guanidine Hydrochloride	194826
Guanidine Thiocyanate	180902

Description	Cat. No.
Guanosine, ≥98%	FC0095
Human Recombinant Insulin, meets EP	FC0100
Hypotaurine	159711
Hypoxanthine Disodium Salt	105451
Hypoxanthine, 99%	FC0085
Imidazole	194829
Inosine	180679
Kanamycin Sulfate, meets USP	FC0256
Lactose Monohydrate, meets NF/EP/JP	FC0033
L-Carnosine	FC0060
Leupeptine Hemisulfate, >96%	FC0238
L-Glutathione (Oxidized)	FC0207
Linoleic Acid, ≥98%	FC0096
L-Ornithine Hydrochloride	194718
L-Pipecolic Acid 99%	FC0262
Lutrol F68, meets NF	180999
Maltodextrin, meets USP	FC0193
Methotrexate, USP/EP Grade	199855
Myristic Acid	FC0078
N-Acetyl-L-Cysteine, meets USP	180945
N-Acetyl-L-Cysteine, meets USP (NAO)	FC0237
Niacin, meets EP	FC0134
Niacin, meets USP	FC0172
Niacinamide, meets EP	FC0084
Niacinamide, meets USP	183001
N-Lauroyl Sarcosine Sodium Salt	190289
Oleic Acid, >90%	102500
Oleic Acid, 99%	151781
Pancreatin 4X, USP	193975
Periodic Acid, ACS	183019
Phenol Red Sodium Salt, ACS Grade	FC0031
Phenol Red, Free Acid, meets EP	183003
Polymyxin B Sulfate, meets USP/EP	180981
Potassium Bromide, meets ACS/USP	FC0048
Pyridoxal Hydrochloride	FC0015
Pyridoxine Hydrochloride, meets USP (NC)	FC0244
Retinyl Acetate	FC0014
Riboflavin, meets USP/EP	FC0091
rTrypsin, from E. coli	180949
Sodium Diatrizoate, meets USP	183012
Sodium Gluconate, meets USP	183002
Spermine	152070
Spermine Tetrahydrochloride	100474
Streptomycin Sulfate, meets EP	180986
Sucrose, meets NF	FC0017
Sulfamethoxazole, USP	180639
Taurine, meets USP	180899
Thiamphenicol, 0.3%, Sterile	FC0006
Thiamphenicol, meets BP	180734
Tranexamic Acid, meets USP	180973
Trimethoprim, USP	180638
Uracil	FC0063
Urea, meets USP	FC0093
Violacein	180907
Vitamin D3	FC0022
β-D-Glucose, Purity ≥97%	180691

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**MP BIOMEDICALS**

AMERICAS: 800.854.0530 | [custserv.na@mpbio.com](mailto:custserv.na@mpbio.com)

APAC: +65 6775.0008 | [custserv.ap@mpbio.com](mailto:custserv.ap@mpbio.com)

EUROPE: 00800.7777.9999 | [custserv.eur@mpbio.com](mailto:custserv.eur@mpbio.com)

Learn more at [www.mpbio.com](http://www.mpbio.com)

