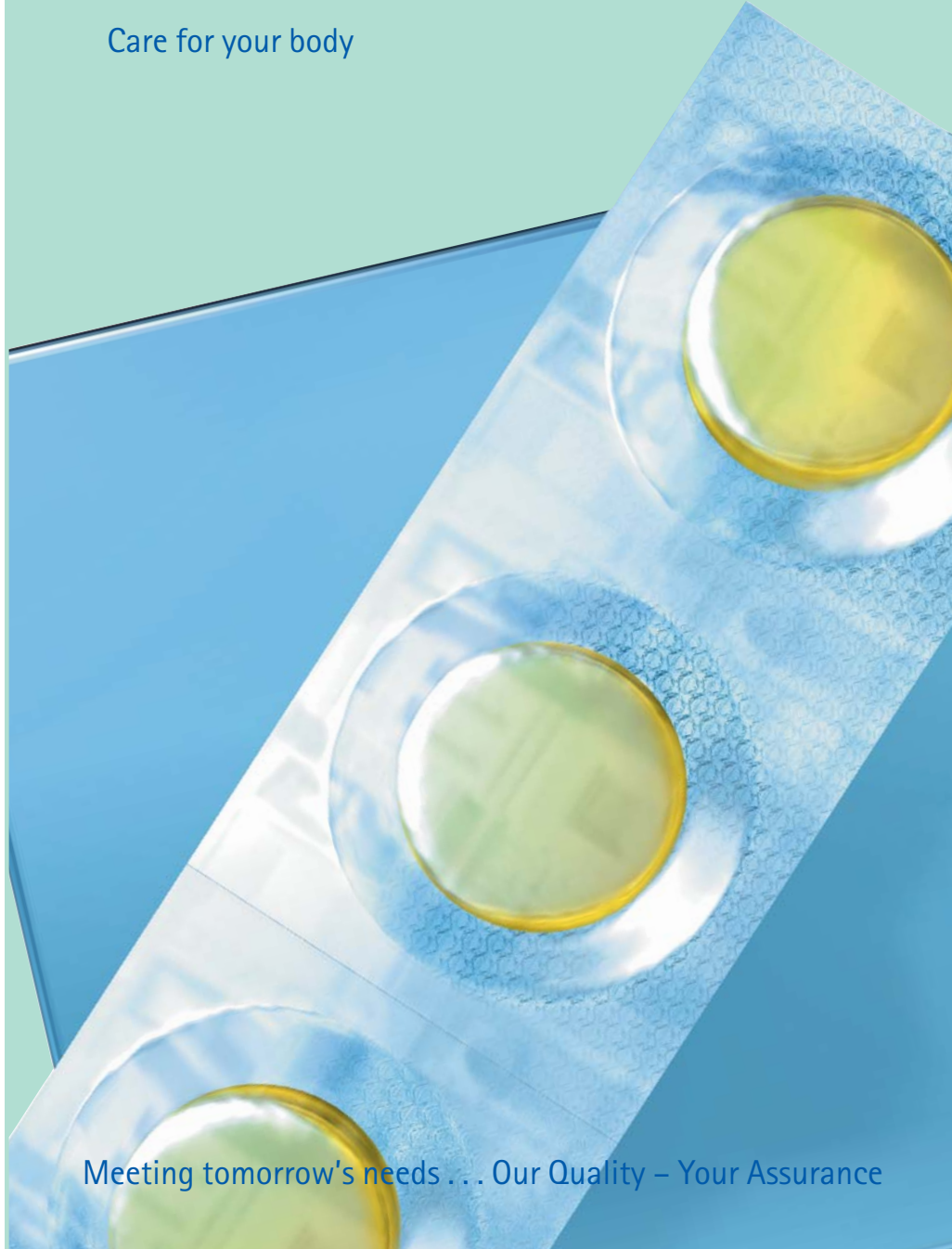




MultiPharm™ Minerals for... ...Solid Dosage Forms

Care for your body



Meeting tomorrow's needs . . . Our Quality – Your Assurance



Minerals for Solid Dosage Forms

Cat. No.	Description	Pharmacopeia
Calcium		
1.02052	Calcium acetate hydrate extra pure	DAC, FCC
1.02069	Calcium carbonate precipitated extra pure	Ph Eur, BP, USP, FCC, E170
1.02064	Calcium carbonate precipitated extra pure (0.002% Fe)	Ph Eur, BP, USP, FCC
1.42000	Calcium chloride dihydrate extra pure	Ph Eur, BP, JP, USP, FCC, E509
1.02092	tri-Calcium dicitrate tetrahydrate extra pure	USP, FCC, E333
1.02094	Calcium gluconate monohydrate extra pure	Ph Eur, BP, USP, FCC, E578
1.04112	Calcium glycerophosphate hydrate extra pure	Ph Eur, Ph Franc, FCC
1.02146	Calcium hydrogen phosphate dihydrate extra fine powder extra pure	Ph Eur, BP, USP, FCC, E341
1.02144	Calcium hydrogen phosphate anhydrous extra fine powder extra pure	Ph Eur, BP, E341
1.02102	Calcium lactate soluble extra pure	Ph Eur, BP, USP, E327
1.02143	tri-Calcium phosphate dried extra pure	Ph Eur, BP, E341
1.02160	Calcium sulfate dihydrate precipitated extra pure	Ph Eur, BP, E516
Magnesium		
1.05832	Magnesium chloride hexahydrate extra pure	Ph Eur, BP, USP, FCC, E511
1.05872	Magnesium hydrogen phosphate trihydrate extra pure	DAB
1.05870	Magnesium hydroxide extra pure	Ph Eur, BP, USP
1.05829	Magnesium hydroxide carbonate heavy extra pure	Ph Eur, BP, USP, E504
1.05828	Magnesium hydroxide carbonate light extra pure	Ph Eur, BP
1.05867	Magnesium oxide heavy extra pure	Ph Eur, BP, USP, E530
1.05862	Magnesium oxide light extra pure	Ph Eur, BP, E530
1.05882	Magnesium sulfate heptahydrate extra pure	Ph Eur, BP, JP, USP
1.05885	Magnesium sulfate hydrate extra pure	DAC
Potassium		
1.04924	Potassium carbonate extra pure	DAC, Ph Helv, USP, E501
1.04935	Potassium chloride extra pure	Ph Eur, BP, USP, FCC, E508
1.04956	tri-Potassium citrate monohydrate extra pure	Ph Eur, BP, USP, FCC, E332
1.04871	Potassium dihydrogen phosphate crystals extra pure	Ph Eur, BP, NF, E340
1.04852	Potassium hydrogen carbonate extra pure	Ph Eur, BP, USP, E501
1.05101	di-Potassium hydrogen phosphate anhydrous extra pure	Ph Eur, BP, E340
1.05151	Potassium sulfate powder extra pure	DAC, Ph Helv, JP, E515
1.05150	Potassium sulfate crystals extra pure	DAC, Ph Helv, JP
Sodium		

1.06386	Sodium carbonate monohydrate extra pure	Ph Eur, BP, NF, E500
1.06398	Sodium carbonate anhydrous extra pure	Ph Eur, BP, NF
1.06400	Sodium chloride extra pure	Ph Eur, BP, USP
1.06432	tri-Sodium citrate dihydrate crystals extra pure	Ph Eur, BP, USP, E331
1.06446	tri-Sodium citrate dihydrate powder extra pure	Ph Eur, BP, USP, E331
1.11037	tri-Sodium citrate anhydrous	USP, FCC, E331
1.06345	Sodium dihydrogen phosphate dihydrate extra pure	Ph Eur, BP, NF, E339
1.06323	Sodium hydrogen carbonate extra pure	Ph Eur, BP, USP, FCC, E500
1.06585	di-Sodium hydrogen phosphate anhydrous extra pure	Ph Eur, BP, USP, E339
1.06576	di-Sodium hydrogen phosphate dihydrate extra pure	Ph Eur, BP, USP
1.06574	di-Sodium hydrogen phosphate heptahydrate extra pure	DAC, USP
1.06645	Sodium sulfate anhydrous fine powder extra pure	Ph Eur, BP, USP
1.06643	Sodium sulfate anhydrous extra pure	Ph Eur, BP, USP, E514

Manganese

1.05999	Manganese(II) sulfate monohydrate spray-dried	USP, FCC
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Iron

1.03962	Iron(II) fumarate extra pure (about 33% Fe)	Ph Eur, BP, USP, FCC
1.03868	Iron(II) gluconate dihydrate	Ph Eur, BP, USP, E579
1.03815	Iron reduced extra pure particle size about 10µm	DAB 7
1.03963	Iron(II) sulfate heptahydrate extra pure	Ph Eur, BP, USP, FCC
1.03967	Iron(II) sulfate hydrate (about 87% FeSO ₄) extra pure	BP, USP, FCC

Iodine

1.05050	Potassium iodate extra pure	FU, FCC
1.05040	Potassium iodide extra pure	Ph Eur, BP, USP
1.06520	Sodium iodide extra pure	Ph Eur, BP, USP

Zinc

1.08800	Zinc acetate dihydrate extra pure	USP
1.08815	Zinc chloride extra pure	Ph Eur, BP, JP, USP
1.08846	Zinc oxide extra pure	Ph Eur, BP, USP
1.08882	Zinc sulfate monohydrate extra pure	USP, FCC

Copper

1.02792	Copper(II) sulfate anhydrous extra pure	Ph Eur, BP
1.02788	Copper(II) sulfate pentahydrate powder extra pure	Ph Eur, BP, USP
1.02787	Copper(II) sulfate pentahydrate crystals extra pure	Ph Eur, BP, USP

Molybdenum

1.01180	Ammonium heptamolybdate tetrahydrate crystals extra pure	USP
1.06524	Sodium molybdate dihydrate extra pure	DAB

Other Additives and Excipients

1.00090	Adipic acid extra pure	DAB, FCC, E355
1.00664	Calcium stearate vegetable grade	Ph Eur, BP, JP, NF, FCC, E470
1.00242	Citric acid monohydrate crystals extra pure	Ph Eur, BP, USP, E330
1.00243	Citric acid monohydrate powder extra pure	Ph Eur, BP, USP, E330
1.00241	Citric acid anhydrous powder extra pure	Ph Eur, BP, USP, E330
1.00247	Citric acid anhydrous fine granular	Ph Eur, BP, USP, E330
1.08195	Lactose monohydrate for tableting	Ph Eur, BP, NF
1.07656	Lactose monohydrate powder	Ph Eur, BP, NF
1.00663	Magnesium stearate vegetable grade, precipitated fine powder	Ph Eur, BP, JP, NF, E570
1.05980	Mannitol	Ph Eur, BP, JP, USP, FCC, E421
1.05988	Mannitol fine powder	Ph Eur, BP, JP, USP, FCC, E421
1.12635	Mannitol	Ph Eur, BP, JP, USP, E421
1.00493	Mannitol, Parateck M 300	Ph Eur, BP, JP, USP, E421
1.00419	Mannitol, Parateck M 300	Ph Eur, BP, JP, USP, E421
1.03140	Sorbitol Instant	Ph Eur, BP, NF, E420
1.07703	Sorbitol Instant Pharma	Ph Eur, BP, NF
1.03583	Sorbitol powder	Ph Eur, BP, NF, E420
1.14737	Formaxx® Calcium carbonate 70 (calcium carbonate-sorbitol)	
	Further co-spray-dried products on request (tailor-made)	

Other Additives and Excipients

1.00661	Stearic acid vegetable grade	Ph Eur, BP, NF
1.08197	Tabletting aid K (cellulose powder)	Ph Eur, BP, JP, NF, E460
1.08196	Tabletting aid D	
1.08198	Tabletting aid T	
1.08070	Talcum fine powder	Ph Eur, BP, USP
1.00805	Titanium(IV) oxide extra pure	Ph Eur, BP, JP, USP, E171
5.01902	Trihydroxyethylrutin	DAB



Meeting tomorrow's needs...Our Quality – Your Assurance

Welcome to the world of MultiPharm™ Minerals for Solid Dosage Forms. These EMD products are designed specifically to address your particular needs for minerals as a manufacturer of Solid Dosage Forms.

We are a recognized leader in the development and production of high quality pharmaceutical raw materials and technology driven excipient and drug delivery systems. We also provide customized synthesis of intermediates and active ingredients for the pharmaceutical industry.

As part of our MultiPharm™ Chemicals line these minerals are processed in cGMP facilities and are designed to work flawlessly in your applications. Our high quality is consistent from lot to lot, and we can deliver products in sizes to meet your needs from lab to production. We can also provide custom packaging solutions if required. Our products meet the requirements of the major pharmacopeias and we are constantly updating our standards. We will also supply you with custom Certificates of Analysis and perform additional testing to meet the internal standards set by your organization.

Additional Products upon request

- Vitamins
- Mineral premixes
- Other additives (pH-regulators, preservatives, antioxidants, etc.)

We take pride in our ability to provide analytical, regulatory and technical support wherever required. We work closely with our customers in the development and scale up of formulation and production processes. And we'll be there day after day to support you once they're established!

All MultiPharm™ Minerals, as well as our entire product line, are available through our network of distributors covering the US and Canada. They can also be sourced internationally through our parent company Merck KGaA, Darmstadt, Germany. Because our product line is multipharmacopeial and our sourcing capabilities are global, we are uniquely positioned to support you and your operations no matter where in the world they may be located or where your products are sold.

We offer some of the best sales, technical and customer support in the industry. Our Customer Service and Technical Service Representatives are available Monday through Friday from 8:30 AM to 5:00 PM EST at our toll-free number 1-800-222-0342.

If you're looking for the best minerals for your products and the best source to support and deliver them; look to the world of MultiPharm™ Minerals from EMD.

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