



MultiPharm™ Minerals for... ...Infant Formulas

Our support for human healthcare



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



Minerals for Infant Formulas

Cat. No.	Description	Pharmacopeia
Calcium		
1.02069	Calcium carbonate precipitated extra pure	Ph Eur, BP, USP, FCC, E170
1.12120	Calcium carbonate precipitated extra pure (0,0001% Al)	Ph Eur, BP, USP, FCC, E170
1.02064	Calcium carbonate precipitated extra pure (0,0002% 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	DAC, 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 Franç
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
1.12076	Calcium hydrogen phosphate anhydrous extra pure (0,0005% Al)	E341
1.02110	Calcium hydroxide	FCC
1.02119	Calcium hydroxide precipitated (0,0005% Al) extra pure	USP, FCC, E526
1.02102	Calcium lactate soluble extra pure	Ph Eur, BP, USP, E327
1.02143	tri-Calcium phosphate dried extra pure	Ph Eur, BP, E341
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
1.05032	Potassium hydroxide pellets extra pure	Ph Eur, BP, JP, FCC, NF, E525

Sodium		
1.06384	Sodium carbonate decahydrate extra pure	Ph Eur, BP, E500
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, E 31
1.06431	tri-Sodium citrate 5,5-hydrate extra pure	FU, 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, USP, 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
1.06573	di-Sodium hydrogen phosphate dodecahydrate crystals extra pure	Ph Eur, BP, USP
1.06576	di-Sodium hydrogen phosphate dihydrate extra pure	Ph Eur, BP, USP
1.06574	di-Sodium hydrogen phosphate heptahydrate extra pure	DAC, USP
1.06482	Sodium hydroxide pellets extra pure	Ph Eur, BP, JP, NF, FCC, E524
1.06522	Sodium lactate solution about 50% extra pure	Ph Eur, BP, USP, E325
1.06577	tri-Sodium phosphate dodecahydrate extra pure	E339
Manganese		
1.05999	Manganese(II) sulfate monohydrate spray-dried	USP, FCC
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
1.03963	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
1.03815	Iron reduced extra pure particle size about 10µm	DAB 7
Iodine		
1.05050	Potassium iodate extra pure	FCC, FU
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
1.08881	Zinc sulfate heptahydrate extra pure	Ph Eur, BP, USP, FCC
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

Others

1.02836	L-Cystine extra pure	FCC
1.04731	myo-Inositol	DAC, FCC
5.00115	Choline hydrogen tartrate	DAB 1996, FCC
5.00117	Choline chloride extra pure	DAB 1996, FCC
1.05911	Maltose monohydrate	
1.08692	D(+)-Xylose	Ph Eur, BP



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Welcome to the world of MultiPharm™ Minerals for Infant Formulas. These EMD products are all designed

specifically to address your particular needs for minerals as a manufacturer of Infant Formulas.

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

As part of our MultiPharm™ Chemicals line these minerals are all 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. We test to the major pharmacopeias and are constantly updating our standards. We will also supply you with custom Certificates of Analysis and perform additional testing to meet any standard set by your organization.

Additional Products upon request

- Vitamins
- Mineral premixes

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 multipharmacoepia and because of our global sourcing capabilities we are in a position to support you and your operations no matter where in the world production facilities may be 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 world of MultiPharm™ Minerals from EMD.

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