Nutrient	Conc.	General effect	Home hemodialysis			Hospital hemodialysis			Peritoneal dialysis		
			avg	min	max	avg	min	max	avg	min	max
Protein, E%	P-Alb	2.61 [2.41; 9.62]	1.43 [−4.90; 5.88]	1.05 [−5.71; 6.62]	2.68 [−4.73; 7.60]	1.85 [−4.02; 6.45]	0.95 [−5.27; 5.72]	2.76 [−3.46; 8.24]	2.57 [−5.36; 10.19]	1.79 [−6.12; 8.54]	2.88 [−4.90; 10.60]
Fiber	fP-Pi	0.49 [0.10; 2.28]	0.12 [−0.61; 0.82]	0.04 [−0.75; 0.61]	0.16 [−0.66; 0.78]	−0.15 [−0.69; 0.51]	−0.26 [−0.86; 0.49]	−0.09 [−0.60; 0.55]	−0.11 [−0.73; 0.99]	−0.16 [−0.80; 0.85]	−0.07 [−0.80; 0.99]
Polyunsaturated Fatty Acids, E%	P-K	−0.05 [0.00; 1.43]	−0.25 [−1.47; 0.73]	−0.35 [−1.50; 0.77]	−0.14 [−1.42; 1.10]	−0.09 [−0.93; 0.53]	−0.20 [−1.19; 0.57]	−0.01 [−0.97; 0.90]	0.02 [−0.97; 1.06]	−0.05 [−0.98; 0.83]	−0.09 [−1.07; 1.09]
Monounsaturated Fatty Acids, E%	P-K	1.62 [1.27; 4.01]	1.26 [−1.07; 3.33]	1.06 [−1.22; 2.63]	1.55 [−0.94; 3.59]	0.67 [−0.81; 1.85]	0.28 [−1.62; 1.65]	0.92 [−0.92; 2.24]	0.38 [−1.28; 2.10]	−0.22 [−2.35; 1.53]	0.47 [−1.06; 2.53]
Carbohydrates, E%	P-K	2.12 [0.60; 10.33]	0.01 [−3.61; 3.31]	−0.50 [−3.96; 3.25]	0.33 [−3.62; 3.31]	−0.09 [−3.12; 3.70]	−0.40 [−3.32; 3.78]	0.24 [−2.99; 3.84]	−0.42 [−4.84; 3.11]	−0.80 [−5.05; 3.11]	−0.25 [−4.96; 3.09]
Phosphate binder med.	P-K	1.89 [1.25; 6.13]	1.01 [−2.11; 2.99]	−0.60 [−4.01; 3.17]	2.01 [−1.78; 5.02]	0.58 [−2.20; 2.63]	−0.34 [−4.75; 2.67]	2.14 [−2.67; 6.54]	0.85 [−1.18; 3.46]	−0.61 [−5.61; 4.33]	1.70 [−1.33; 4.36]
Blood lipid medication	P-K	−0.49 [−0.10; 0.73]	−0.16 [−2.09; 1.28]	−0.26 [−2.12; 1.30]	−0.07 [−2.08; 1.55]	−0.23 [−1.13; 0.54]	−0.44 [−1.27; 0.51]	−0.09 [−1.22; 0.67]	0.18 [−1.65; 1.80]	0.11 [−1.74; 1.82]	0.22 [−1.67; 1.98]
Protein, E%	fP-Pi	−0.27 [−0.26; 1.07]	0.06 [−0.87; 0.70]	−0.07 [−0.96; 0.70]	0.15 [−0.86; 0.83]	0.16 [−0.43; 1.15]	0.08 [−0.59; 1.19]	0.33 [−0.37; 1.21]	0.11 [−0.75; 1.38]	0.02 [−1.01; 1.49]	0.19 [−0.67; 1.46]
Calcium	P-K	0.04 [0.18; 2.18]	−0.17 [−1.88; 2.04]	−0.48 [−2.60; 2.34]	0.24 [−1.00; 2.30]	0.50 [−0.69; 1.75]	−0.16 [−1.44; 1.22]	0.84 [−0.63; 2.88]	0.26 [−0.83; 2.27]	−0.22 [−1.53; 1.82]	0.63 [−1.01; 2.61]
Phosphate binder med.	fP-Pi	−0.05 [−0.23; 1.67]	−0.18 [−1.40; 1.40]	−0.53 [−2.78; 1.76]	0.56 [−1.48; 1.86]	0.10 [−1.26; 1.40]	−0.35 [−1.78; 1.72]	0.58 [−1.56; 2.12]	−0.21 [−1.34; 1.04]	−0.36 [−1.53; 1.18]	0.04 [−1.88; 1.24]
Protein, g/kg	P-K	0.43 [−0.26; 4.73]	−0.93 [−5.97; 2.43]	−1.03 [−6.08; 2.43]	−0.85 [−5.87; 2.44]	−0.01 [−5.03; 2.51]	−0.14 [−5.04; 2.62]	0.14 [−4.87; 2.60]	0.42 [−2.78; 3.61]	−0.29 [−2.77; 3.55]	0.54 [−2.82; 3.50]
Fat E%	fP-Pi	0.95 [0.68; 5.36]	0.36 [−2.04; 3.66]	0.12 [−2.17; 3.65]	0.67 [−2.21; 3.87]	0.55 [−1.09; 3.21]	0.33 [−1.34; 3.28]	0.79 [−1.12; 3.23]	0.06 [−2.57; 2.91]	−0.08 [−2.51; 3.07]	0.23 [−2.59; 3.16]
Monounsaturated Fatty Acids, E%	fP-Pi	−0.07 [0.19; 1.09]	−0.04 [−1.96; 1.01]	−0.15 [−2.07; 1.06]	0.04 [−2.04; 1.05]	−0.14 [−1.25; 0.73]	−0.33 [−1.63; 0.76]	0.01 [−1.11; 0.97]	−0.08 [−1.04; 1.19]	−0.08 [−1.01; 1.28]	0.03 [−1.02; 1.46]
Saturated Fatty Acids, E%	fP-Pi	−1.13 [−0.33; 1.61]	−0.15 [−1.88; 1.22]	−0.20 [−1.95; 1.16]	−0.12 [−1.82; 1.30]	−0.14 [−1.02; 1.12]	−0.19 [−1.10; 1.09]	−0.08 [−1.00; 1.24]	−0.02 [−1.20; 1.72]	−0.03 [−1.21; 1.64]	0.03 [−1.14; 2.00]
Calcium	fP-Pi	−0.01 [−0.39; 2.45]	−0.18 [−0.94; 0.74]	−0.26 [−0.91; 0.99]	0.00 [−0.94; 0.88]	−0.20 [−0.64; 0.20]	−0.41 [−0.98; 0.18]	0.01 [−0.63; 0.50]	−0.01 [−0.98; 1.08]	−0.04 [−1.09; 1.13]	0.18 [−0.95; 1.32]
Phosphorous	fP-Pi	0.02 [0.03; 2.03]	0.00 [−1.12; 1.54]	−0.12 [−1.35; 1.46]	0.09 [−1.01; 1.56]	0.03 [−1.00; 0.78]	−0.05 [−1.15; 0.81]	0.13 [−0.88; 0.97]	−0.12 [−1.60; 1.44]	−0.16 [−1.49; 1.37]	−0.09 [−1.56; 1.47]
Diabetes medication	fP-Pi	−0.24 [−0.31; 1.53]	−0.45 [−2.01; 1.01]	−0.66 [−2.46; 1.19]	−0.14 [−1.85; 1.16]	0.09 [−0.73; 1.09]	−0.17 [−1.06; 1.14]	0.22 [−0.87; 1.09]	0.64 [−1.26; 2.88]	0.60 [−1.32; 2.86]	0.85 [−1.13; 3.00]
Renavit	fP-Pi	−3.72 [−1.64; 2.92]	−1.90 [−10.81; 3.65]	−2.01 [−11.83; 3.68]	−1.80 [−9.90; 3.83]	−0.54 [−2.69; 2.10]	−0.66 [−2.90; 2.11]	−0.43 [−2.12; 2.23]	−2.77 [−14.84; 3.19]	−2.88 [−15.22; 3.15]	−2.71 [−14.52; 3.19]
Potassium	fP-Pi	−0.05 [−0.22; 0.72]	0.13 [−0.65; 1.08]	0.01 [−0.81; 1.01]	0.25 [−0.66; 1.58]	−0.07 [−0.58; 0.48]	−0.18 [−0.81; 0.47]	0.15 [−0.45; 1.47]	0.17 [−0.46; 0.90]	0.15 [−0.63; 1.06]	0.27 [−0.39; 1.37]
Energy, kcal/kg	fP-Pi	0.20 [0.39; 2.00]	0.30 [−1.74; 1.79]	0.21 [−1.83; 1.99]	0.43 [−1.63; 2.09]	0.63 [−1.09; 1.71]	0.53 [−1.25; 1.60]	0.77 [−0.97; 1.88]	0.48 [−2.37; 2.52]	0.42 [−2.55; 2.62]	0.57 [−2.27; 2.65]
Protein, g/kg	fP-Pi	−0.69 [−1.19; 2.13]	−0.55 [−1.93; 1.48]	−1.61 [−1.89; 1.52]	−0.46 [−1.84; 1.58]	−0.60 [−1.74; 1.19]	−0.75 [−2.09; 1.13]	−0.46 [−1.68; 1.19]	−0.77 [−2.30; 1.62]	−0.88 [−2.51; 1.56]	−0.68 [−2.41; 1.70]
Vitamin D	P-K	−0.04 [−0.15; 0.89]	−0.06 [−1.10; 0.72]	−0.14 [−1.18; 0.49]	0.22 [−0.85; 1.15]	−0.31 [−0.82; 0.19]	−0.49 [−1.61; 0.19]	−0.10 [−0.67; 0.57]	−0.06 [−0.73; 0.60]	−0.16 [−1.02; 0.53]	0.12 [−0.75; 0.80]
Fiber	P-K	0.46 [0.54; 2.53]	0.31 [−0.77; 1.04]	0.25 [−0.92; 1.07]	0.37 [−0.70; 1.08]	0.17 [−0.72; 1.26]	0.01 [−1.36; 0.94]	0.29 [−0.52; 1.84]	0.59 [−1.38; 1.93]	0.47 [−1.70; 1.81]	0.66 [−1.55; 2.12]
Potassium	P-K	0.02 [−0.15; 1.95]	−0.03 [−1.40; 1.53]	−0.25 [−1.91; 1.01]	0.01 [−1.34; 1.30]	0.17 [−0.91; 0.83]	−0.14 [−1.11; 0.55]	0.40 [−1.05; 1.45]	0.00 [−1.09; 2.00]	−0.17 [−1.17; 1.81]	0.08 [−1.08; 1.67]
Saturated Fatty Acids, E%	P-K	0.44 [0.61; 2.10]	0.09 [−2.07; 1.52]	−0.09 [−2.67; 1.49]	0.20 [−1.99; 1.60]	0.27 [−1.88; 1.67]	0.16 [−2.14; 1.74]	0.39 [−1.71; 1.80]	0.61 [−1.16; 1.99]	0.54 [−1.32; 2.00]	0.64 [−1.20; 2.08]
Water	fP-Pi	−0.08 [0.19; 0.89]	0.16 [−0.49; 0.81]	0.04 [−0.61; 0.85]	0.24 [−0.57; 1.22]	0.16 [−0.15; 0.58]	−0.05 [−0.54; 0.66]	0.28 [−0.23; 0.99]	0.12 [−1.01; 0.88]	−0.10 [−1.21; 0.84]	0.26 [−1.00; 1.17]
Gender	fP-Pi	−0.10 [0.08; 1.79]	0.10 [−1.41; 1.42]	−0.05 [−1.73; 1.38]	0.19 [−1.40; 1.43]	−0.30 [−1.13; 0.78]	−0.50 [−2.01; 0.64]	−0.19 [−1.13; 1.14]	−0.58 [−1.89; 0.93]	−0.63 [−2.16; 1.00]	−0.51 [−2.02; 1.35]
Polyunsaturated Fatty Acids, E%	fP-Pi	−1.19 [−0.21; 0.62]	−0.23 [−1.36; 0.89]	−0.27 [−1.47; 0.90]	−0.15 [−1.24; 1.25]	−0.19 [−0.59; 0.35]	−0.26 [−0.87; 0.35]	−0.10 [−0.63; 0.60]	−0.08 [−0.88; 0.92]	−0.13 [−0.93; 0.95]	−0.04 [−0.88; 0.95]
Protein, E%	P-K	0.45 [0.74; 2.36]	0.39 [−1.22; 1.84]	0.34 [−1.25; 1.74]	0.52 [−1.10; 2.38]	−0.24 [−1.24; 1.60]	−0.37 [−1.46; 1.35]	−0.14 [−1.17; 2.11]	−0.36 [−1.92; 2.03]	−0.46 [−1.78; 1.80]	−0.27 [−1.89; 2.14]
Sodium	fP-Pi	0.20 [0.58; 1.47]	0.13 [−1.71; 1.14]	0.08 [−1.82; 1.15]	0.26 [−1.61; 1.44]	0.39 [−0.52; 1.13]	0.30 [−0.66; 0.93]	0.50 [−0.48; 1.39]	0.22 [−1.50; 1.89]	0.15 [−1.63; 1.74]	0.27 [−1.53; 2.08]
Salt	P-K	0.26 [0.58; 2.59]	1.90 [−0.98; 8.85]	1.68 [−0.90; 8.76]	2.14 [−0.92; 9.03]	0.42 [−0.61; 1.28]	0.19 [−0.73; 1.37]	0.72 [−0.51; 1.59]	0.81 [−2.20; 4.45]	0.57 [−2.43; 4.29]	1.04 [−2.17; 4.50]
Vitamin D	fP-Pi	−0.13 [0.02; 0.36]	−0.10 [−0.69; 0.32]	−0.17 [−0.81; 0.30]	0.08 [−0.62; 0.73]	0.08 [−0.23; 0.38]	−0.09 [−0.57; 0.43]	0.29 [−0.18; 0.67]	0.12 [−0.38; 0.71]	−0.15 [−0.51; 0.77]	0.22 [−0.50; 0.86]
Salt	fP-Pi	−0.08 [−0.42; 1.70]	−0.16 [−1.11; 1.58]	−0.30 [−1.15; 1.53]	−0.05 [−1.15; 1.57]	−0.34 [−0.96; 0.47]	−0.48 [−1.27; 0.50]	−0.15 [−0.89; 0.51]	−0.26 [−1.68; 1.38]	−0.42 [−1.70; 1.47]	−0.17 [−1.59; 1.52]