



ALLOWABLE BENEFITS LIST

The lists below are the approved medications, formulas, dietary supplements, and vitamins that are indicated for the [various screened disorders](#) in the Newborn Screening Program. The physician specialist will determine the course of treatment and will prescribe the appropriate medical management for the patient. The patient/client is responsible for obtaining the prescriptions from the selected contract provider.

There are monthly benefit limitations per client:

- \$1,500.00 per month for dietary supplements
- \$300.00 per month for vitamins
- Other limits may be assessed if the price of the item affects available funding for priority populations

Medical foods (formulas), dietary supplements and vitamins are reimbursable at wholesale plus 15%.

Items not listed in these tables must have approval from NBS Benefits prior to dispensing or billing.

AMINO ACID DISORDERS

DISORDER		ITEMS	MANUFACTURER
HCY	Homocystinuria	<u>Formulas</u> Hominex-1 Hominex-2 HCY 1 HCY 2 HOM 2 HCU Anamix Early Years HCU Anamix Next XMet Maxamaid – orange flavor XMet Maxamum – orange flavor HCU Gel HCU Express Pro-Phree Super Soluble Duocal PFD 1 PFD 2 Metanx Complex Essential MSD HCU Cooler 15	Abbott Nutrition Abbott Nutrition Mead Johnson Mead Johnson Milupa Nutricia Nutricia Nutricia Nutricia Vitaflo Vitaflo Abbott Nutrition Nutricia Mead Johnson Mead Johnson

		<p><b><u>Dietary Supplements</u></b> Cystine AA Supplement</p> <p><b><u>Medications</u></b> Cystadane Powder (Betaine)</p> <p><b><u>Vitamins</u></b> Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Cyanocobalamin (vitamin B12) Pyridoxine Tablets (50 mg) Vitamin B6 tablets Vitamin B12 tablets</p>	<p>Vitaflo</p> <p>AnovoRx</p> <p>Solace Solace Solace Solace Vitaflo</p>
MSUD	Maple Syrup Urine Disease	<p><b><u>Formulas</u></b> MSUD Analog New: MSUD Anamix Early Years MSUD Maxamaid – orange flavor MSUD Maxamum – orange flavor MSUD 2 BCAD 1 BCAD 2 Ketonex-1 Ketonex-2 Complex MSUD Drink Mix – Vanilla Complex MSUD AA Bar – Chocolate Complex MSUD AA Blend MSUD Gel MSUD Express MSUD Express Cooler MSUD Amino Acid Mix Pro-Phree PFD 1 PFD 2 Super Soluble Duocal Metanx Complex Essential MSD</p> <p><b><u>Dietary Supplements</u></b> L-Valine AA L-Isoleucine AA Isoleucine50 Isoleucine1000 Valine50 Valine1000</p> <p><b><u>Vitamins</u></b> Thiamin</p>	<p>Nutricia Nutricia Nutricia Nutricia Mead Johnson Mead Johnson Abbot Nutrition Abbott Nutrition Nutricia Nutricia Nutricia Nutricia Vitaflo Vitaflo Vitaflo Nutricia Abbott Nutrition Mead Johnson Mead Johnson Nutricia</p> <p>Nutricia Nutricia Vitaflo Vitaflo Vitaflo Vitaflo</p>



		<p>Glytactin Bettermilk 15  Glytactin Build 10  Glytactin Swirl  Glytactin RTD 10  Glytactin RTD 15  Glytactin Complete 10  Glytactin Complete 15  Glytactin Restore 10  Glytactin Restore Lite 10  Camino Pro 15  Metanx  Complex Essential MSD</p> <p><b><u>Dietary Supplements</u></b>  Tyrosine1000  L-Tyrosine</p> <p><b><u>Vitamins</u></b>  Nano VM (1-3)  Nano VM (4-8)  Nano VM (9-18)  Nano VM T/F powder  Frutivits</p> <p>MVW Complete Formulation + D3000  MVW Complete Formulation + D5000  Vitamin B6 tablets  Vitamin B12 tablets</p>	<p>Cambrooke  Cambrooke  Cambrooke  Cambrooke  Cambrooke  Cambrooke  Cambrooke  Cambrooke  Cambrooke  Cambrooke</p> <p>Solace  Solace  Solace  Solace  Vitaflo</p> <p>MVW Nutritionals  MVW Nutritionals</p>
<p>TYR I  TYR II  TYR III</p>	<p>Tyrosinemia  Type I  Type II  Type III</p>	<p><b><u>Formulas</u></b>  Tyrex-1  Tyrex-2  New: TYR Anamix Early Years  TYR Anamix Next  XPhe, XTyr Maxamaid  Super Soluble Duocal  TYR 2  TYROS 1  TYROS 2  Prophree  TYR Gel TYR  Express  Tylactin RTD 15  Tylactin Restore 10  Metanx  Complex Essential MSD</p> <p><b><u>Medications</u></b>  Nitisinone (Orfadin) Tablets</p>	<p>Abbott Nutrition  Abbott Nutrition  Nutricia Nutricia  Nutricia  Nutricia  Milupa  Mead Johnson  Mead Johnson  Abbott Nutrition  Vitaflo  Vitaflo  Cambrooke  Cambrooke</p>



ASA	Argininosuccinic Acidemia	<p>Cyclinex-2  Pro-Phree  WND 1  WND 2  PFD 1  PFD 2  UCD 2  Super Soluble Duocal  Essential Amino Acid Mix  Metanx  Complex Essential MSD</p> <p><b><u>Dietary Supplements</u></b>  L-Arginine  L-Leucine  L-Isoleucine  L-Valine  Citrulline  Citrulline 200  Citrulline 1000  Arginine 2000  Arginine 500  Isoleucine 50  Isoleucine 1000  Leucine 100  Valine 50  Valine 1000</p> <p><b><u>Medications</u></b>  Buphenyl Powder  Buphenyl Tablets  Sodium Benzoate Powder (Spectrum)  Na Benzoate Powder  Na Benzoate 10% Solution (100 mg/ml)  Acetyl Carnitine  L-Carnitine (100 mg/ml)  Omeprazole</p> <p><b><u>Vitamins</u></b>  Nano VM (1-3)  Nano VM (4-8)  Nano VM (9-18)  Nano VM T/F powder  Frutivits  Vitamin B6 tablets  Vitamin B12 tablets</p>	<p>Abbott Nutrition  Abbott Nutrition  Mead Johnson  Mead Johnson  Mead Johnson  Mead Johnson  Milupa  Nutricia  Nutricia</p> <p>Nutricia  Nutricia  Nutricia  Nutricia</p> <p>Vitaflo  Vitaflo  Vitaflo  Vitaflo  Vitaflo  Vitaflo  Vitaflo  Vitaflo  Vitaflo</p> <p>Solace  Solace  Solace  Solace  Vitaflo</p>
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**ORGANIC ACIDEMIAS DISORDERS**

DISORDER		ITEMS	MANUFACTURER
BKT	Beta-Ketothiolase Deficiency	<p><b><u>Formulas</u></b>                      MSUD Anamix Early Years                      MSUD Anamix Next                      MSUD Maxamaid – orange                      MSUD Maxamum – orange                      MSUD 2                      BCAD 1                      BCAD 2                      Ketonex-1                      Ketonex-2                      Complex Junior MSD w/ DHA - ARA                      Complex MSD Drink Mix                      Complex MSD Amino Acid Bar                      Complex MSD Amino Acid Blend                      MSUD Gel                      MSUD Express                      Pro-Phree                      PFD 1                      PFD 2                      Super Soluble Duocal                      Metanx                      Complex Essential MSD</p> <p><b><u>Dietary Supplements</u></b>                      L-isoleucine                      L-valine                      Isoleucine50                      Isoleucine1000                      Valine50                      Valine1000</p> <p><b><u>Vitamins</u></b>                      Nano VM (1-3)                      Nano VM (4-8)                      Nano VM (9-18)                      Nano VM T/F powder                      Frutivits                      Vitamin B6 tablets                      Vitamin B12 tablets</p>	Nutricia Nutricia Nutricia Nutricia Nutricia Mead Johnson Abbott Nutrition Abbott Nutrition Nutricia Nutricia Nutricia Nutricia Nutricia Vitaflo Vitaflo Abbott  Nutricia  Nutricia Vitaflo Vitaflo Vitaflo Vitaflo  Solace Solace Solace Solace Vitaflo
GA1	Glutaric Aciduria, Type I	<p><b><u>Formulas</u></b>                      Glutarex-1                      Glutarex-2                      Pro-Phree                      GA                      GA Gel                      GA Express 15                      PFD 1                      PFD 2</p>	Abbott Nutrition Abbott Nutrition Abbott Nutrition Mead Johnson Vitaflo Vitaflo Mead Johnson Mead Johnson

		<p>Super Soluble Duocal  GA-1 Anamix Early Years  GA1 Anamix Next  XLys, XTrp Maxamaid – orange  XLys, XTrp Maxamum – orange  GlutarAde Essential GA-1  GlutarAde Jr GA-1  GlutarAde Amino Acid Blend  Metanx  Complex Essential MDS</p> <p><b><u>Medications</u></b>  Baclofen  L-Carnitine  Acetyl Carnitine</p> <p><b><u>Vitamins</u></b>  Riboflavin  Nano VM (1-3)  Nano VM (4-8)  Nano VM (9-18)  Nano VM T/F powder  Frutivits  Vitamin B6 tablets  Vitamin B12 tablets</p>	<p>Nutricia  Nutricia  Nutricia  Nutricia  Nutricia  Nutricia  Nutricia  Nutricia</p> <p>Solace  Solace  Solace  Solace  Vitaflo</p>
MCD	Holocarboxylase Synthetase Deficiency/ Multiple Carboxylase Deficiency	<p><b><u>Vitamins</u></b>  Biotin  Nano VM (1-3)  Nano VM (4-8)  Nano VM (9-18)  Nano VM T/F powder  Frutivits  Vitamin B6 tablets  Vitamin B12 tablets</p>	<p>Solace  Solace  Solace  Solace  Vitaflo</p>
IVA	Isovaleric Acidemia	<p><b><u>Formulas</u></b>  I-Valex-1  I-Valex-2  IVA Anamix Early Years  IVA Anamix Next  XLeu Maxamaid – orange  XLeu Maxamum – orange  LMD  Pro-Phree  PFD 1  PFD 2  Super Soluble Duocal  Metanx  Complex Essential MSD</p> <p><b><u>Dietary Supplements</u></b>  Glycine 500</p>	<p>Abbott Nutrition  Abbott Nutrition  Nutricia Nutricia  Nutricia  Nutricia  Mead Johnson  Abbott Nutrition  Mead Johnson  Mead Johnson  Nutricia</p>



		<p><b><u>Medications</u></b> L-Carnitine (100mg/ml) Acetyl Carnitine</p> <p><b><u>Vitamins</u></b> Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Vitamin B6 tablets Vitamin B12 tablets</p>	<p>Solace Solace Solace Solace Vitaflo</p>
MMA  Cbl AB	Methylmalonic Acidemia  Cobalamin A B/ Homocystinuria	<p><b><u>Formulas</u></b> Propimex-1 Propimex-2 OA 1 OA 2 MMA/PA Anamix Early Years MMA/PA Anamix Next XMTVI Maxamaid – orange XMTVI Maxamum – orange Milupa OS 2 MMA/PA Gel MMA/PA Express Pro-Phree PFD 1 PFD 2 Super Soluble Duocal Metanx Complex Essential MSD</p> <p><b><u>Medications</u></b> L-Carnitine (100 mg/ml) Acetyl Carnitine Hydroxocobalamin IM (1 mg/ml) Cystadane (Betaine)</p> <p><b><u>Vitamins</u></b> Cyanocobalamin Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Vitamin B6 tablets Vitamin B12 tablets</p>	<p>Abbott Nutrition Abbott Nutrition Mead Johnson Mead Johnson</p> <p>Nutricia Nutricia Nutricia Nutricia Vitaflo Vitaflo Abbott Nutrition Mead Johnson Mead Johnson Nutricia</p> <p>Solace Solace Solace Solace Vitaflo</p>
MMA (MUT)	Methylmalonic Acidemia (Mutase Deficiency) - MUT	<p><b><u>Formulas</u></b> Solcarb Polycal Super Soluble Duocal MMA/PA Anamix Early Years</p>	<p>Nutricia Nutricia Nutricia</p>

		MMA/PA Anamix Next XMTVI Maxamaid XMTVI Maxamum Metanx Complex Essential MSD  <u><b>Medications</b></u> L-Carnitine Acetyl Carnitine  <u><b>Vitamins</b></u> Cyanocobalamin Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Vitamin B6 tablets Vitamin B12 tablets	Nutricia Nutricia Nutricia          Solace Solace Solace Solace Vitaflo
PA (PROP)	Propionic Acidemia	<u><b>Formulas</b></u> Propimex-1 Propimex-2 OA 1 OA 2 MMA/PA Anamix Early Years MMA/PA Anamix Next XMTVI Maxamaid XMTVI Maxamum Super Soluble Duocal MMA/PA Gel MMA/PA Express 15 MMA/PA Cooler 15 Pro-Phree PFD 1 PFD 2 Metanx Complex Essential MSD SOS 20  <u><b>Dietary Supplements</b></u> L- Leucine L- Isoleucine L- Valine Isoleucine50 Isoleucine1000 Leucine100 Valine50 Valine1000  <u><b>Medications</b></u> Acetyl Carnitine L-Carnitine	Abbott Nutrition Abbott Nutrition Mead Johnson Mead Johnson Nutricia Nutricia Nutricia Nutricia Nutricia Vitaflo Vitaflo Vitaflo Abbott Nutrition Mead Johnson Mead Johnson   Nestle   Nutricia Nutricia Nutricia Vitaflo Vitaflo Vitaflo Vitaflo Vitaflo

		<p><b><u>Vitamins</u></b>  Biotin  Nano VM (1-3)  Nano VM (4-8)  Nano VM (9-18)  Nano VM T/F powder  Frutivits  Vitamin B6 tablets  Vitamin B12 tablets</p>	<p>Solace  Solace  Solace  Solace  VitaFlo</p>
HMG 3-MCC	Hydroxymethyl -glutaric Aciduria 3-Methylcro tonyl-CoA Carboxylase Deficiency		
Cbl C	Cbl C	<p><b><u>Formulas</u></b>  Solcarb  Polycal  Super Soluble Duocal  MMA/PA Anamix Early Years  MMA/PA Anamix Next  XMTVI Maxamaid  XMTVI Maxamum  MMA/PA Gel  MMA/PA Express 15  MMA/PA Cooler 15  Pro-Phree  Metanx  Complex Essential MSD</p> <p><b><u>Medications</u></b>  Acetyl Carnitine  L-Carnitine  Cystadane Powder (Betaine)</p> <p><b><u>Vitamins</u></b>  Nano VM (1-3)  Nano VM (4-8)  Nano VM (9-18)  Nano VM T/F powder  Frutivits  Folinic Acid  Hydroxocobalamin, liquid  injection  Vitamin B6 tablets  Vitamin B12 tablets</p>	<p>Solace  Nutricia  Nutricia  Nutricia  Nutricia  Nutricia  Nutricia  VitaFlo  VitaFlo  VitaFlo  Abbott Nutrition</p> <p>Solace  Solace  Solace  Solace  VitaFlo</p>
Cbl D MAL	Cbl D Malonic Acidemia		

IBG	Isobutyryl-glycinuria		
2MBG	2MBG		
3MGA	3MGA		
2M3HBA	2M3HBA		

### FATTY ACID OXIDATION DISORDERS

DISORDER		ITEMS	MANUFACTURER
CUD	Carnitine Uptake Defect	<p><b><u>Medications</u></b> L-Carnitine Acetyl Carnitine</p> <p><b><u>Vitamins</u></b> Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Vitamin B6 tablets Vitamin B12 tablets</p>	Solace Solace Solace Solace Vitaflo
MCAD	Medium-chain acyl-CoA dehydrogenase	<p><b><u>Medications</u></b> L-Carnitine Acetyl Carnitine</p> <p><b><u>Vitamin</u></b> Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Vitamin B6 tablets Vitamin B12 tablets</p>	Solace Solace Solace Solace Vitaflo
LCHAD	Long-Chain Hydroxy- Acyl-CoA Dehydrogenase Deficiency	<p><b><u>Formulas</u></b> MCT Procal Lipistart Liquigen MCT Metanx Complex Essential MSD</p> <p><b><u>Dietary Supplements</u></b> MCT Oil</p> <p><b><u>Medication</u></b> L-Carnitine Acetyl Carnitine</p> <p><b><u>Vitamins</u></b> Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits</p>	Vitaflo Vitaflo Nutricia            Solace Solace Solace Solace Vitaflo

		Vitamin B6 tablets Vitamin B12 tablets	
TFP	Trifunctional Protein Deficiency	<b><u>Medications</u></b> L-Carnitine Acetyl Carnitine  <b><u>Vitamins</u></b> Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Vitamin B6 tablets Vitamin B12 tablets	Solace Solace Solace Solace Vitaflo
VLCAD	Very-Long-Chain Acyl-CoA Dehydrogenase Deficiency	<b><u>Formulas</u></b> MCT Procal Lipistart Liquigen MCT Metanx Complex Essential MSD  <b><u>Dietary Supplements</u></b> MCT Oil <b><u>Medications</u></b> L-Carnitine Acetyl Carnitine  <b><u>Vitamins</u></b> Nano VM (1-3) Nano VM (4-8) Nano VM (9-18) Nano VM T/F powder Frutivits Vitamin B6 tablets Vitamin B12 tablets	Vitaflo Vitaflo Nutricia          Solace Solace Solace Solace Vitaflo
SCAD	Short-Chain acyl-CoA dehydrogenase Deficiency	<b><u>Formulas</u></b> MCT Procal MCT Oil Enfaport Lipistart Liquigen MCT Monogen Portagen Metanx Complex Essential MSD	Vitaflo Mead Johnson Vitaflo Vitaflo Nutricia Nuitricia Mead Johnson
HADH M/SCHAD	Medium-Short-Chain L-3-hydroxyacyl-CoA dehydrogenase deficiency	<b><u>Formulas</u></b> MCT Procal MCT Oil Enfaport Lipistart Liquigen MCT Monogen Portagen Metanx Complex Essential MSD	Vitaflo Mead Johnson Vitaflo Vitaflo Nutricia Nuitricia Mead Johnson
GA II	Glutaric Acidemia Type II	<b><u>Dietary Supplements</u></b> Glycine500	Vitaflo
MCKAT	Medium-chain ketoacyl-CoA		

	thiolase deficiency 2,4 Dienoyl-CoA reductase Deficiency		
CPT I	Carnitine palmitoyltransferase type I deficiency		
CPTII	Carnitine palmitoyltransferase type II deficiency		
CACT	Carnitine acylcarnitine translocase deficiency		
DE RED	2,4 Dienoyl-CoA reductase deficiency		

### ENDOCRINE DISORDERS

DISORDER		MEDICATIONS	MANUFACTURER
CH	Hypothyroidism	Synthroid Levothroid Levoxyl	Abbott Laboratories Forest Pharmaceuticals Jones Pharma
CAH	Congenital Adrenal Hyperplasia	NaCl (salt) Cortisone Florinef	

### HEMOGLOBIN DISORDERS

DISORDER	TREATMENT
Sickling Hemoglobinopathies	Penicillin Oxygen IV Fluids Antibiotics Analgesics Hydroxyurea Desferrin

### OTHER DISORDERS

DISORDER		MEDICATIONS	MANUFACTURER
BIOT	Biotinidase Deficiency	Biotin	
GALT	Galactosemia	<b>Formulas</b> Neocate Infant DHA/ARA	Nutricia

		Enfamil ProSobee Lipil Similac Isomil Advance Good Start Supreme Soy Parent's Choice Soy Infant Formula with a Blend of Lipids Metanx Complex Essential MSD  <u><b>Vitamins</b></u> Calcium Vitamin D	Mead Johnson Abbott Nutrition Nestle PBM Nutritionals
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**CYSTIC FIBROSIS DISORDER**

<b>ITEMS</b>	<b>MANUFACTURER</b>
<u><b>Dietary Supplements</b></u>	
PediaSure	Abbott Nutrition
PediaSure Enteral	Abbott Nutrition
Ensure	Axcan Scandipharm, Inc
Ensure Plus	Nestle Nutrition
Scandishakes	Nestle Nutrition
Peptamen Jr	Abbott Nutrition
Peptamen Jr 1.5	Nutricia Nutricia
TwoCal HN	
Neocate	
Neocate Junior	Abbott Nutrition
EleCare	Nestle Nutrition
Nutren 1.5	Nestle Nutrition
Nutren 2.0	Nestle Nutrition
Nutren Jr	Nestle Nutrition
Carnation Instant Breakfast Plus	Nestle Nutrition
Carnation Instant Breakfast Very High Calorie	Nestle Nutrition
Boost Kids Essentials	Nestle Nutrition
Boost Kids Essentials 1.5	Nestle Nutrition
Boost	Nestle Nutrition
Boost Chocolate	Abbott Nutrition
Boost Plus	Nestle Nutrition
Enlive	Nestle Nutrition
Enlive Apple	
Benecalorie	
Scandical	
<u><b>Medications</b></u>	
Zantac	AstraZeneca Pharmaceuticals, LP
Albuterol	Sepracor, Inc
Creon	Eurand NV
Nexium	Wyeth Pharmaceuticals
Ultrase	Axcan Scandipharm, Inc
Ultrase MT	Axcan Scandipharm, Inc
Zenpep	Solvay Pharmaceuticals
Pancrecarb	Digestive Care, Inc.

Pancreaze	Ortho-McNeil Pharmaceutical, Inc
Pancreaze MT	Ortho-McNeil Pharmaceutical, Inc
Pancrecarb MS	Digestive Care, Inc.
Viokase tablets	Axcan Scandipharm, Inc
Ursodiol	Teva Pharmaceuticals USA
Actigall	Novartis Pharmaceuticals
Prevacid	TAP Pharmaceuticals Inc
Prilosec	GlaxoSmithKline
Protonix	AstraZeneca Pharmaceuticals, LP
Tobramycin (TOB 1)	Wyeth
Pulmozyme	Genentech
Azithromycin	
Xopenex	Sunovion
Atrovent	GlaxoSmithKline
Spiriva	Boehringer-Ingelheim Pharmaceuticals
Brovana	Boehringer
Pulmicort	Ingelheim Pharmaceuticals
Pro Air	Sepracor, Inc
Ventolin	AstraZeneca
Flovent	Teva Specialty Pharmaceuticals
Advair	GlaxoSmithKline
Symbicort	GlaxoSmithKline
Duocal	GlaxoSmithKline
Benecalorie	AstraZeneca Canada Inc.
Scandical	Nutricia
Hypertonic Saline (Sodium Chloride)	Nestle Nutrition
Lantus	Cardinal Health Pharmaceuticals
Novolog	Aventis Pharmaceuticals, Inc
Humalog	Novo Nordisk Pharmaceuticals Inc
NPH	Eli Lilly and Company
<b><u>Vitamins</u></b>	
Vitamin D	Aton Pharma Inc
Vitamin D2	Cardinal Health Pharmaceuticals
Vitamin D3	Natures Products
Vitamin E	Axcan Scandipharm, Inc
Vitamin K (Mephyton)	
Cholecalciferol	Abbott Nutrition
AquADEK (liquid or chewable tablets)	
Source CF	
Vitamax	
Dekas Plus	
Calcium	
Vitamin B6 tablets	
Vitamin B12 tablets	
Beta Carotene	