

Certificate of Analysis

CERT-21-JAN-2022-71293
Created: 13-SEP-2021

Material Description	ENFAMIL HMF PWD 0.71G (2X100PCH) US
SAP Material Number	1118909
Formulation	PL00000001
Item	2014-18
Inventory Batch	0620163
Regulatory Batch	ZL1JEB
Disposition	Accepted
Disposition Version	1
Manufacture Date	13-SEP-2021
Expiry Date	01-SEP-2022

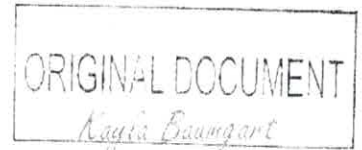
Test Name	Sample Type	Blend - Variable Specification No.	Results	UoM	Result Code
Yeast Count	COMPOSITE	0 <=100	<10	CFU/g	A
Staph, Aureus- FC- Israel	SINGLE	0 Pass	Pass		A
Staphylococcus aureus per gram	SINGLE	0 Absent	Absent		A
Staphylococcus aureus per gram	SINGLE	0 Absent	Absent		A
Staphylococcus aureus per gram	SINGLE	0 Absent	Absent		A
Staphylococcus aureus per gram	SINGLE	0 Absent	Absent		A
Staphylococcus aureus per gram	SINGLE	0 Absent	Absent		A
Mold Count	COMPOSITE	0 <=100	<10	CFU/g	A
MPN Coliform	COMPOSITE	0 <=10	<3	MPN/g	A
Bacillus cereus- Final Conclusion- THA	SINGLE	0 Pass	Pass		A
Bacillus cereus	SINGLE	0 <=1000	<5	CFU/g	A
Bacillus cereus	SINGLE	0 <=1000	5	CFU/g	A
Bacillus cereus	SINGLE	0 <=1000	5	CFU/g	A
Bacillus cereus	SINGLE	0 <=1000	5	CFU/g	A
Bacillus cereus	SINGLE	0 <=1000	5	CFU/g	A
Bacillus cereus - c value- BRA	SINGLE	0 <=1	0		A
Bacillus cereus - Final Conclusion - BRA	SINGLE	0 Pass	Pass		A
Bacillus cereus-Final Conclusion- COL	SINGLE	0 Pass	Pass		A
Bacillus cereus-Final Conclusion- Israel	SINGLE	0 Pass	Pass		A
Bacillus cereus- Final Conclusion- NLD	SINGLE	0 Pass	Pass		A
Bacillus cereus- Final Conclusion- PER	SINGLE	0 Pass	Pass		A
Cronobacter spp per 600 g	COMPOSITE	0 Absent	Absent		A
Enterobacteriaceae	COMPOSITE	0 <=0.110	<=0.0041	MPN/g	A
Salmonella per 100 g	COMPOSITE	0 Absent	Absent		A
Total Aerobic Plate Count	SINGLE	0 <=10000	70	CFU/g	A
Total Aerobic Plate Count	SINGLE	0 <=10000	20	CFU/g	A
Total Aerobic Plate Count	SINGLE	0 <=10000	130	CFU/g	A
Total Aerobic Plate Count	SINGLE	0 <=10000	100	CFU/g	A
Total Aerobic Plate Count	SINGLE	0 <=10000	70	CFU/g	A
Total Aerobic Plate Count- FC - Thailand	SINGLE	0 Pass	Pass		A
Scorched Particles	COMPOSITE	0 <=7.5	0.0	mg/100g	A
Sediment	COMPOSITE	0 <=0.3	0.0	mg/100g	A

This batch was packaged from Enfamil Human Milk Fortifier drummed powder, 1120145A2, batch 0615200. All analytical testing was completed on blended powder. The COA for the blended powder is attached.

Reviewed by:

Gary Egli
MJN SOP Administrator

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Certificate of Analysis

CERT-21-JAN-2022-71294
Created: 25-AUG-2021

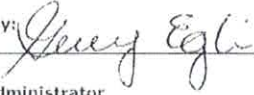
Material Description	ENFAMIL HUMAN MILK FORTIFIER PWD
SAP Material Number	1120145A2
Formulation	PL00000001
Inventory Batch	0615200
Disposition	Accepted
Disposition Version	2
Manufacture Date	25-AUG-2021
Expiry Date	21-FEB-2022

Test Name	Sample Type	Blend - Variable Specification No.	Results	UoM	Result Code
Fat	BLEND_EACH	1 31.0 - 42.3	37.2	g/100g	A
Fat Average across all blends	SUMMARY	0 31.0 - 42.3	37.2	g/100g	A
Fat Maximum across all blends	SUMMARY	0 31.0 - 42.3	37.2	g/100g	A
Fat Minimum across all blends	SUMMARY	0 31.0 - 42.3	37.2	g/100g	A
Protein	BLEND_EACH	1 34.9 - 46.5	41.3	g/100g	A
Protein Minimum across all blends	SUMMARY	0 34.9 - 46.5	41.3	g/100g	A
Carbohydrate	COMPOSITE	0 0.00 - 14.10	6.78	g/100g	A
Percent Ash	COMPOSITE	0 <=15.3	12.522		A
Percent Fat	COMPOSITE	0 31.0 - 42.3	37.269		A
Percent Moisture	COMPOSITE	0 <=3.22	2.22		A
Percent Protein	COMPOSITE	0 34.9 - 46.5	41.2712		A
Protein Maximum across all blends	SUMMARY	0 34.9 - 46.5	41.3	g/100g	A
Protein Average across all blends	SUMMARY	0 34.9 - 46.5	41.3	g/100g	A
Loss on Drying	COMPOSITE	0 <=3.22	2.22	g/100g	A
Ash	COMPOSITE	0 <=15.3	12.5	g/100g	A
Thiamine HCl	COMPOSITE	0 135 - 450	195	mcg/2.84g	A
Riboflavin	COMPOSITE	0 198 - 630	270	mcg/2.84g	A
Vitamin E	COMPOSITE	0 4.14 - 13.80	6.28	IU/2.84g	A
Vitamin C Minimum across all blends	SUMMARY	0 10.8 - 29.0	19.6	mg/2.84g	A
Vitamin C Maximum across all blends	SUMMARY	0 10.8 - 29.0	19.6	mg/2.84g	A
Vitamin C Average across all blends	SUMMARY	0 10.8 - 29.0	19.6	mg/2.84g	A
Vitamin C	BLEND_EACH	1 10.8 - 29.0	19.6	mg/2.84g	A
Vitamin A	COMPOSITE	0 855 - 1800	1282	IU/2.84g	A
Chloride	COMPOSITE	0 11.7 - 32.0	14.6	mg/2.84g	A
Copper Average across all blends	SUMMARY	0 39.6 - 186.0	82.2	mcg/2.84g	A
Magnesium	BLEND_EACH	1 1.0 - 9.2	1.9	mg/2.84g	A
Sodium	BLEND_EACH	1 12.8 - 19.2	14.9	mg/2.84g	A
Sodium Average across all blends	SUMMARY	0 12.8 - 19.2	14.9	mg/2.84g	A
Sodium Maximum across all blends	SUMMARY	0 12.8 - 19.2	14.9	mg/2.84g	A
Sodium Minimum across all blends	SUMMARY	0 12.8 - 19.2	14.9	mg/2.84g	A
Zinc	COMPOSITE	0 0.65 - 1.50	1.07	mg/2.84g	A
Phosphorus Minimum across all blends	SUMMARY	0 45 - 107	72	mg/2.84g	A
Phosphorus Maximum across all blends	SUMMARY	0 45 - 107	72	mg/2.84g	A
Phosphorus Average across all blends	SUMMARY	0 45 - 107	72	mg/2.84g	A
Phosphorus	BLEND_EACH	1 45 - 107	72	mg/2.84g	A
Magnesium Minimum across all blends	SUMMARY	0 1.0 - 9.2	1.9	mg/2.84g	A
Magnesium Maximum across all blends	SUMMARY	0 1.0 - 9.2	1.9	mg/2.84g	A
Magnesium Average across all blends	SUMMARY	0 1.0 - 9.2	1.9	mg/2.84g	A
Potassium Minimum across all blends	SUMMARY	0 26.1 - 67.0	55.6	mg/2.84g	A
Potassium Maximum across all blends	SUMMARY	0 26.1 - 67.0	55.6	mg/2.84g	A
Potassium Average across all blends	SUMMARY	0 26.1 - 67.0	55.6	mg/2.84g	A
Potassium	BLEND_EACH	1 26.1 - 67.0	55.6	mg/2.84g	A
Iron Minimum across all blends	SUMMARY	0 1.3 - 2.2	2.2	mg/2.84g	A
Iron Maximum across all blends	SUMMARY	0 1.3 - 2.2	2.2	mg/2.84g	A
Iron Average across all blends	SUMMARY	0 1.3 - 2.2	2.2	mg/2.84g	A
Iron	BLEND_EACH	1 1.3 - 2.2	2.2	mg/2.84g	A
Copper Minimum across all blends	SUMMARY	0 39.6 - 186.0	82.2	mcg/2.84g	A
Copper Maximum across all blends	SUMMARY	0 39.6 - 186.0	82.2	mcg/2.84g	A
Copper	BLEND_EACH	1 39.6 - 186.0	82.2	mcg/2.84g	A
Calcium Minimum across all blends	SUMMARY	0 81 - 190	131	mg/2.84g	A
Calcium Maximum across all blends	SUMMARY	0 81 - 190	131	mg/2.84g	A
Calcium Average across all blends	SUMMARY	0 81 - 190	131	mg/2.84g	A
Calcium	BLEND_EACH	1 81 - 190	131	mg/2.84g	A
Bacillus cereus	SINGLE	0 <=500	<10	CFU/g	A
Bacillus cereus	SINGLE	0 <=500	<10	CFU/g	A
Bacillus cereus	SINGLE	0 <=500	<10	CFU/g	A
Bacillus cereus	SINGLE	0 <=500	<10	CFU/g	A
Bacillus cereus	SINGLE	0 <=500	<10	CFU/g	A
Cronebacter spp per 600 g	COMPOSITE	0 Absent	Absent		A
Enterobacteriaceae	COMPOSITE	0 <0.0110	<0.0041	MPN/g	A
Salmonella per 1500 g	COMPOSITE	0 Absent	Absent		A

Total Aerobic Plate Count	SINGLE	0	<=5000	100	CFU/g	A
Total Aerobic Plate Count	SINGLE	0	<=5000	<100	CFU/g	A
Total Aerobic Plate Count	SINGLE	0	<=5000	<100	CFU/g	A
Total Aerobic Plate Count	SINGLE	0	<=5000	<100	CFU/g	A
Total Aerobic Plate Count	SINGLE	0	<=5000	100	CFU/g	A
Appearance	COMPOSITE	0	1 - 3	2		A
Color	COMPOSITE	0	1 - 4	2		A
Scorched Particles	COMPOSITE	0	<=7.5	0.0	mg/100g	A
Sediment	COMPOSITE	0	<=0.3	0.0	mg/100g	A
Odor	COMPOSITE	0	1 - 3	2		A
Lead	COMPOSITE	0	<=1000.0	27.6	ppb	A

This batch was packaged as Enfamil Human Milk Fortifier, 1118909, batch 0620163.

Reviewed by:



Gary Egli
MJN SOP Administrator

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