



Kerry Inc.
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Reddi Flo™ AG 80
Foremost® NF Lactose
Modified, Spray Dried
Product Code W400324, W401324, W402324

Description: A spray-dried mixture of crystalline and amorphous lactose

IDENTIFICATION	TYPICAL	SPECIFICATION
Lactose Determination Method A	Matches scan	Reference IR scan
Lactose Determination Method B	Matches chromatogram	Reference Chromatogram
CHEMICAL ANALYSIS	TYPICAL	SPECIFICATION
Acidity or alkalinity	0.0 mL	0.4 mL of 0.1 N NaOH (maximum)
Clarity and color @ 400 nm	0.01	0.04 (maximum)
Loss on drying, %	0.3	1.0 (maximum)
PLAI at 210-220 nm	0.04	0.25 (maximum)
PLAI at 270-300 nm	0.02	0.07 (maximum)
Residue on ignition, %	0.01	0.1 (maximum)
Specific rotation	+54.8° to +55.2°	+54.4° to +55.9°
Water, %	4.8 to 5.2	4.5 to 5.5
MICROBIOLOGICAL STANDARDS	TYPICAL	SPECIFICATION
Total aerobic microbial count	Less than 10 cfu/g	100 cfu/g (maximum)
<i>Escherichia coli</i>	Absent	Absent
Total combined molds and yeasts count	Less than 10 cfu/g	50 cfu/g (maximum)
<i>Staphylococcus aureus</i>	Negative	Negative
<i>Pseudomonas aeruginosa</i>	Negative	Negative
<i>Salmonella</i> species/100g	Negative	Negative
POWDER FINENESS (CUMULATIVE)	TYPICAL	SPECIFICATION
On 630 micron	0%	3% Max
On 400 micron	0 %	15% Max
On USS #80 (180 micron)	27%	25-60%
On USS #230 (63 micron)	94%	80-100%
PHYSICAL CHARACTERISTICS	TYPICAL	SPECIFICATION
Bulk Density	0.70 g/mL	0.60 g/mL (minimum)
Tapped Density	0.82 g/mL	0.70 g/mL (minimum)
% Lactose (d.b.)	99 % (+)	
Appearance and flavor	White, crystalline powder, slightly sweet	

STORAGE CONDITIONS: Protect from moisture and excessive heat

PACKAGE STYLE: 95kg (35 Gal) fiber drum with inserted polyethylene liner or 25 kg Multiwall kraft paper bag with inserted polyethylene liner.

RE-EVALUATION DATE: Sealed container can be stored at least thirty six months without undergoing decomposition or degradation.

ALLERGEN CLASSIFICATION: Contains lactose

CONFORMANCE: NF Lactose Monohydrate Modified Spray Dried 324 conforms to the NF/USP, EP, and JP monographs.

This information is presented in good faith but it is not warranted as to accuracy of results. Also, freedom from patent infringement is not inferred. This information is offered solely for your investigation, verification, and consideration. (08/18)