

LABORATORY REPORT



COLUMBIA
FOOD LABORATORIES, INC.

36740 E Historic Columbia River Hwy.
PO Box 353
Corbett, Oregon 97019

quality analytical services for the food industry

Invoice # : 32131

Report Date : Thursday, June 28, 2012

Account # : 590680

Reiner Bohlen
Oregon Freeze Dry
525 SE 25th Ave SW
P.O. Box 1048
Albany OR 97321

Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Savory Stroganoff 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 001

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.3	%	
Nitrogen (by difference)	77.4	%	
Oxygen	22.3	%	

Sample ID : Wise Savory Stroganoff 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 002

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.2	%	
Nitrogen (by difference)	77.4	%	
Oxygen	22.4	%	

Sample ID : Wise Savory Stroganoff 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 003

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.2	%	
Nitrogen (by difference)	77.9	%	
Oxygen	21.9	%	

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Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Chili Macaroni 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 004

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.6	%	
Nitrogen (by difference)	79.0	%	
Oxygen	20.4	%	

Sample ID : Wise Chilli Macaroni 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 005

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.2	%	
Nitrogen (by difference)	77.4	%	
Oxygen	22.4	%	

Sample ID : Wise Chilli Macaroni 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 006

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.2	%	
Nitrogen (by difference)	77.4	%	
Oxygen	22.4	%	

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Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Pasta Alfredo 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 007

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.2	%	
Nitrogen (by difference)	88.2	%	
Oxygen	11.6	%	

Sample ID : Wise Pasta Alfredo 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 008

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.0	%	
Nitrogen (by difference)	77.3	%	
Oxygen	22.7	%	

Sample ID : Wise Pasta Alfredo 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 009

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.0	%	
Nitrogen (by difference)	77.4	%	
Oxygen	22.6	%	

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Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Creamy Pasta&Veg.Rotini 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 010

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.4	%	
Nitrogen (by difference)	79.5	%	
Oxygen	20.1	%	

Sample ID : Wise Creamy Pasta&Veg.Rotini 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 011

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.5	%	
Nitrogen (by difference)	81.4	%	
Oxygen	18.1	%	

Sample ID : Wise Creamy Pasta&Veg.Rotini 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 012

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.3	%	
Nitrogen (by difference)	78.3	%	
Oxygen	21.4	%	

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Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Teriyaki & Rice 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 013

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.0	%	
Nitrogen (by difference)	77.5	%	
Oxygen	22.5	%	

Sample ID : Wise Teriyaki & Rice 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 014

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.3	%	
Nitrogen (by difference)	77.5	%	
Oxygen	22.2	%	

Sample ID : Wise Teriyaki & Rice 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 015

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.8	%	
Nitrogen (by difference)	78.2	%	
Oxygen	21.0	%	

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Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Hearty Tortilla Soup 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 019

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.4	%	
Nitrogen (by difference)	81.7	%	
Oxygen	17.9	%	

Sample ID : Wise Hearty Tortilla Soup 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 020

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.4	%	
Nitrogen (by difference)	80.7	%	
Oxygen	18.9	%	

Sample ID : Wise Hearty Tortilla Soup 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 021

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.4	%	
Nitrogen (by difference)	78.7	%	
Oxygen	20.9	%	

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Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Tomato Basil Soup 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 022

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.7	%	
Nitrogen (by difference)	86.5	%	
Oxygen	12.8	%	

Sample ID : Wise Tomato Basil Soup 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 023

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.5	%	
Nitrogen (by difference)	79.8	%	
Oxygen	19.7	%	

Sample ID : Wise Tomato Basil Soup 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 024

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.5	%	
Nitrogen (by difference)	78.2	%	
Oxygen	21.3	%	

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Date Received : 6/25/2012

Job Number : B21426

Sample ID : Wise Cheesy Macaroni 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 025

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.1	%	
Nitrogen (by difference)	79.4	%	
Oxygen	20.5	%	

Sample ID : Wise Cheesy Macaroni 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 026

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.0	%	
Nitrogen (by difference)	78.7	%	
Oxygen	21.3	%	

Sample ID : Wise Cheesy Macaroni 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 027

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.0	%	
Nitrogen (by difference)	78.0	%	
Oxygen	22.0	%	

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Job Number : B21426

Sample ID : Wise Creamy Ala King & Rice 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 028

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.5	%	
Nitrogen (by difference)	88.6	%	
Oxygen	10.9	%	

Sample ID : Wise Creamy Ala King & Rice 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 029

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.0	%	
Nitrogen (by difference)	77.6	%	
Oxygen	22.4	%	

Sample ID : Wise Creamy Ala King & Rice 4-11-12

Matrix : FD Food-4 Serv Pouches

Lab No. : 030

Test Code : N805

Test Name : Headspace Gases (O2, CO2, N2 by diff.)

Analyte	Result	Units	Note
Carbon Dioxide	0.1	%	
Nitrogen (by difference)	77.7	%	
Oxygen	22.2	%	