

Certificate of Analysis

QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Aug. 20, 2025

Product: Tosca Liquorice Essential Powder

Product Code: RH90037

Lot No.: R2507044

Manufacture Date: Jul. 21, 2025

Active Ingredients	<i>*Base on Input</i>	per unit	Result
Peppermint Extract		500 mg	*
Maltodextrin		345 mg	*
Glycyrrhizae Radix Powder		150 mg	*
Eucalyptus Extract (flavor)		5 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Dark brown to brown powder	Conforms	Visual
BBP	< 1 ppm	< 1 ppm	GC/MS/MS
DBP	< 1 ppm	< 1 ppm	GC /MS/MS
DEHP	< 1 ppm	< 1 ppm	GC /MS/MS
DNOP	< 1 ppm	< 1 ppm	GC /MS/MS
DINP	< 1 ppm	< 1 ppm	GC /MS/MS
DIDP	< 1 ppm	< 1 ppm	GC /MS/MS

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 10 cfu/g	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
E. coli	Negative	Negative	USP <2022>
Salmonella spp.	Negative	Negative	USP <2022>
Staphylococcus aureus	Negative	Negative	USP <2022>
Pseudomonas aeruginosa	Negative	Negative	USP <62>



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QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: Jan. 20, 2025

Product: Tosca Liquorice Essential Powder

Product Code: RH90037

Lot No.: R2501029

Manufacture Date: Jan. 09, 2025

Active Ingredients	*Base on Input	per unit	Result
Liquorice		600 mg	*
Peppermint Powder		200 mg	*
Eucalyptus		100 mg	*
Maltodextrin		100 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Dark brown to brown powder	Conforms	Visual
BBP	< 1 ppm	< 1 ppm	GC/MS/MS
DBP	< 1 ppm	< 1 ppm	GC /MS/MS
DEHP	< 1 ppm	< 1 ppm	GC /MS/MS
DNOP	< 1 ppm	< 1 ppm	GC /MS/MS
DINP	< 1 ppm	< 1 ppm	GC /MS/MS
DIDP	< 1 ppm	< 1 ppm	GC /MS/MS

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 10 cfu/g	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
E. coli	Negative	Negative	USP <2022>
Salmonella spp.	Negative	Negative	USP <2022>
Staphylococcus aureus	Negative	Negative	USP <2022>
Pseudomonas aeruginosa	Negative	Negative	USP <62>



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QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: May. 25, 2023 Product: Tosca Liquorice Essential Powder
Product Code: RH90037 Lot No.: R2304057 Manufacture Date: Apr. 18, 2023

Active Ingredients	*Base on Input	per unit	Result
Liquorice		600 mg	*
Peppermint Powder		200 mg	*
Eucalyptus		100 mg	*
Maltodextrin		100 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Dark brown to brown powder	Conforms	Visual
BBP	< 1 ppm	< 1 ppm	GC/MS/MS
DBP	< 1 ppm	< 1 ppm	GC /MS/MS
DEHP	< 1 ppm	< 1 ppm	GC /MS/MS
DNOP	< 1 ppm	< 1 ppm	GC /MS/MS
DINP	< 1 ppm	< 1 ppm	GC /MS/MS
DIDP	< 1 ppm	< 1 ppm	GC /MS/MS

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 10 cfu/g	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
E. coli	Negative	Negative	USP <2022>
Salmonella spp.	Negative	Negative	USP <2022>
Staphylococcus aureus	Negative	Negative	USP <2022>
Pseudomonas aeruginosa	Negative	Negative	USP <62>



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QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: July 26, 2022

Product: Tosca Liquorice Essential Powder

Product Code: RH90037

Lot No.: R2206717

Manufacture Date: Jun. 15, 2022

Active Ingredients	*Base on Input	per unit	Result
Liquorice		600 mg	*
Peppermint Powder		200 mg	*
Eucalyptus		100 mg	*
Maltodextrin		100 mg	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Dark brown to brown powder	Conforms	Visual
BBP	< 1 ppm	< 1 ppm	GC/MS/MS
DBP	< 1 ppm	< 1 ppm	GC /MS/MS
DEHP	< 1 ppm	< 1 ppm	GC /MS/MS
DNOP	< 1 ppm	< 1 ppm	GC /MS/MS
DINP	< 1 ppm	< 1 ppm	GC /MS/MS
DIDP	< 1 ppm	< 1 ppm	GC /MS/MS

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 10 cfu/g	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
E. coli	Negative	Negative	USP <2022>
Salmonella spp.	Negative	Negative	USP <2022>
Staphylococcus aureus	Negative	Negative	USP <2022>
Pseudomonas aeruginosa	Negative	Negative	USP <62>



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QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: February 26, 2019

Product: Tosca Liquorice Essential Powder

Product Code: RH90037

Lot No.: LPE89340

Manufacture Date: Feb. 7, 2019

Active Ingredients	*Base on Input	per unit	Result
Liquorice		60 %	*
Peppermint Powder		20 %	*
Eucalyptus		10 %	*
Maltodextrin		10 %	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Dark brown to brown powder	Conforms	Visual
BBP	< 1 ppm	< 1 ppm	GC/MS/MS
DBP	< 1 ppm	< 1 ppm	GC /MS/MS
DEHP	< 1 ppm	< 1 ppm	GC /MS/MS
DNOP	< 1 ppm	< 1 ppm	GC /MS/MS
DINP	< 1 ppm	< 1 ppm	GC /MS/MS
DIDP	< 1 ppm	< 1 ppm	GC /MS/MS

Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 10 cfu/g	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
E. coli	Negative	Negative	USP <2022>
Salmonella spp.	Negative	Negative	USP <2022>
Staphylococcus aureus	Negative	Negative	USP <2022>
Pseudomonas aeruginosa	Negative	Negative	USP <62>

Nutrition Values**

per gm

Energy	0.0 kcal
Carbohydrate	0.0 mg
Protein	0.0 mg
Fat	2.38 mg
Saturated Fat	0.0 mg
Trans Fat	0.0 mg
Sodium	0.0 mg



Quality Control

02/26/2019

Date

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QUALITY CONTROL LABORATORY ANALYTICAL REPORT

Date: September 15, 2016 Product: Tosca Liquorice Essential Powder
Product Code: RH90037 Lot No.: LPE68144 Manufacture Date: June 29, 2016

Active Ingredients	*Base on Input	per unit	Result
Liquorice		60 %	*
Peppermint Powder		20 %	*
Eucalyptus		10 %	*
Maltodextrin		10 %	*

Chemical /Physical Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Appearance	Dark brown to brown powder	Conforms	Visual
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Microbiological Analysis

ITEM	SPECIFICATION	RESULT	METHODS
Total Aerobic Count	< 1000 cfu/g	< 10 cfu/g	USP <2021>
Total Combined Mold and Yeasts Count	< 100 cfu/g	< 10 cfu/g	USP <2021>
E. coli	Negative	Negative	USP <2022>
Salmonella spp.	Negative	Negative	USP <2022>
Staphylococcus aureus	Negative	Negative	USP <2022>
Pseudomonas aeruginosa	Negative	Negative	USP <62>

Nutrition Values**

per gm

Energy	0.0 kcal
Carbohydrate	0.0 mg
Protein	0.0 mg
Fat	2.38 mg
Saturated Fat	0.0 mg
Trans Fat	0.0 mg
Sodium	0.0 mg



Quality Control

09/15/2016

Date