

GLYCYRRHIZA GLABRA		Product Name		Licorice Extract
Root		Report No		GG/HP/23
Liquid Extract				India
-		8		02 Years
		= -		13021919
	PECIFIC			METHOD
S:				
PROPYLENE GLYCOL	GL	CERIN	DISTILLED	
Liquid				Visual
Yellow brown				Visual
Characteristic				Organoleptic
Sweet taste of root				
	1		1	1
Miscible				USP 516
Miscible				USP 516
Miscible				USP 516
Between 3.0 to 7.0				USP 791
Between 1.16 to 1.23				Pycnometer
gm/ml				
Presence				USP
		7 1	5 KIN VI	
NMT 1.0 ppm			\   \ \	USP 233
NMT 1.0 ppm				USP 233
NMT 1.0 ppm				USP 233
NMT 1.0 ppm				USP 233
st:				
NMT 1000 cfu/gm		-		USP 2021
NMT 100 cfu/gm				USP 2021
Absent				USP 2022
Absent			-	USP 2022
	D) [		C	USP 2022
Absent		1 1 1	F	USP 2022
CINE L				- Werk
gle HDPE Container.				
-	he preferre	d storage is	below 30 <sup>0</sup> C	
	Liquid Extract Water/Solvent 68916-91-6 SF S: PROPYLENE GLYCOL Liquid Yellow brown Characteristic Sweet taste of root Miscible Miscible Miscible Miscible Between 3.0 to 7.0 Between 1.16 to 1.23 gm/ml Presence NMT 1.0 ppm NMT 1.0 ppm St: NMT 100 cfu/gm Absent Absent Absent Absent Absent Absent Between 200 cfu/gm NMT 100 cfu	Liquid Extract       Water/Solvent       68916-91-6       SPECIFIC       SPECIFIC       SECIFIC       PROPYLENE GLYCOL     GLY       Liquid        Vellow brown        Characteristic        Miscible        Miscible        Miscible        Miscible        Miscible        Between 3.0 to 7.0        Between 1.16 to 1.23        Miscible        Miscible        Miscible        Miscible        Miscible        Miscible        NMT 1.0 ppm        NMT 1.0 ppm        NMT 100 cfu/gm        Absent        <	Liquid Extract     Origin       Water/Solvent     Date of E       68916-91-6     HSN Cod       SPECIFICATION       S:     PROPYLENE GLYCOL     GLYCERIN       Liquid        Yellow brown        Characteristic        Sweet taste of root        Miscible        Miscible        Miscible        Miscible        Miscible        Between 3.0 to 7.0        Between 1.16 to 1.23        gm/ml        NMT 1.0 ppm        NMT 1.0 ppm        NMT 1.0 ppm        NMT 1.0 ppm        NMT 1000 cfu/gm        Absent        Absent        Absent        Absent        Absent        Absent        Absent        Absent        Absent	Liquid Extract     Origin       Water/Solvent     Date of Expiry       68916-91-6     HSN Code       SPECIFICATION       S:     PROPYLENE GLYCOL     GLYCERIN     DISTILLED       Liquid         Yellow brown         Characteristic         Sweet taste of root         Miscible         Miscible         Miscible         Between 3.0 to 7.0         Between 1.16 to 1.23         NMT 1.0 ppm         NMT 1.0 ppm         NMT 1.0 ppm         NMT 1.0 ppm         NMT 100 cfu/gm         Absent         Absent         Absent         Absent         Absent         Absent

The Product Is of Herbal Origin. There May Be Minor Color Difference Due to Geographical and Seasonal Variation of the Plant Material.

Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.



ISO 9001:2015, 14001:2015, 45001:2018, 22000:2018, HALAL, GMP, HACCP, KOSHER, FSSC 2000 ORGANIC, FSSAI & SHEFEXIL Certified.



	PF		PECIFICAT	ION	
INCI/Botanical Name	GLYCYRRHIZA GLABRA		Product Name		Licorice Extract
Parts of Plant	Root		Report No		GG/HP/23
Extraction Ratio	Oil Extract		Origin		India
Extraction Base	Oil/Solvent		Date of Expiry		02 Years
Cas No	68916-91-6		HSN Code		13021919
TEST		SPECIE	ICATION		METHOD
A. Physical Parameter	<b>v</b> a •	STECH			METHOD
Solvent Used Oil	S. LLP SESAME		SUNFLOWER COCONUT		
	Clear oil	SESAME	Clear oil		Visual
Appearance Color					
	Faint yellow		Yellow		Visual
Odour	Characteristic		Characteristic		Organoleptic
Specific Gravity (At 20 <sup>0</sup> C)	Between 0.810		Between 0.910		Pycnometer
	to 0.930 gm/ml		to 0.950 gm/ml		
Miscibility				1	
Mineral	Miscible		Miscible		USP 561
Vegetable Oil	Miscible		Miscible		USP 561
<b>B.</b> Active Ingredients	: \ \				
					USP
C. Heavy Metals:					
Lead (PB)	NMT 1.0 ppm		NMT 1.0 ppm	<b>→</b>	USP 233
Mercury (HG)	NMT 1.0 ppm		NMT 1.0 ppm	7	USP 233
Arsenic (AS)	NMT 1.0 ppm		NMT 1.0 ppm	7- I N N I	USP 233
Cadmium (CD)	NMT 1.0 ppm		NMT 1.0 ppm	-+   \	USP 233
D. Microbiological Te	est:	-			
Fotal Aerobic Count NMT 1000			NMT 1000		USP 2021
	cfu/gm		cfu/gm		
Total Yeast & Mold Count	NMT 100 cfu/gr	n	NMT 100 cfu/gm	1	USP 2021
Escherichia coli	Absent		Absent		USP 2022
Salmonella	Absent		Absent		USP 2022
S. aureus	Absent		Absent		USP 2022
Staphylococcus	Absent		Absent		USP 2022
E. Other:			되기되	5/121	
Standard Packing: 25 Kg in sin	ngle HDPE Contain	er.	GNE	GU01	TRUNN'I
The above material complies w	-			A Z L	
Store in a cool and dry place av	•		rred storage is below	w 30 <sup>°</sup> C.	
					al Variation of the Plant Material.

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