

**Annexure-B**

**Gulnar Farsi Punica granatum Linn dried flower for use in Traditional Medicine Specification**

S. No.	Clause	Original text	Proposed	Action taken
1	B-2.1.1	Thin Layer Chromatograph with a Pre Coated Silica Gel 60F254 Plate	B-2.1.1 Thin Layer Chromatograph Plate Pre Coated with Silica Gel 60F254	Approved and draft modified accordingly
2	2.1	Some more apparatus may be added	2.1.4 TLC plate development Chamber twin truff, Hot air Oven, Spraying apparatus	Approved and draft modified accordingly
3	A-2.4.1	A- 2.4.1		
4	B-2.4	a heading 'Identification' may be added at B- 2.4	B- 2.4 ' <i>Identification</i> '	Approved and draft modified accordingly
5		B- 2.4.1 <i>Thin Layer Chromatography of Alcoholic Extract</i>		Approved and draft modified accordingly
6		B- 2.4.2 Procedure		

***Uṣṭūkhūdūs (Lavandula stoechas L.) for use in Traditional Medicine Specification***

S.No	Clause	Original text	Proposed comments	Action taken
1	Foreword	<del>Uṣṭūkhūdūs is having synonyms like to Ustukhudus.</del> It is also known by different names in some regional languages.....	Uṣṭūkhūdūs is known by different names in regional languages such as.....	Approved and draft modified accordingly
2	Foreword	In the formulation of this standard, significant <del>assistance has been derived</del> from the Unani Pharmacopoeia of India,.....	In the formulation of this standard, significant inputs have been taken from the Unani Pharmacopoeia of India,....	Approved and draft modified accordingly
3	3.1.1	3.1.1 Macroscopic examination of <del>Ustukhudus</del> Diacritical marks on Ustukhudus should be applied in the entire document	3.1.1 Macroscopic examination of Uṣṭūkhūdūs	Approved and draft modified accordingly
4	3.1.1	Bract is leafy with prominent veins 6.5 mm to 8.5mm in length and 6mm to 7mm breadth with rust coloured....	Bract is rust coloured and leafy with prominent veins 6.5 mm to 8.5mm in length and 6mm to 7mm breadth....	Approved and draft modified accordingly

		The stellate tomentosa outside with 13 longitudinal ribs, upper <del>rib</del> large entire and lower rib toothed.	The stellate tomentosa <b>is</b> outside with 13 longitudinal ribs, upper <b>rib</b> large entire and lower rib toothed	Approved and draft modified accordingly
		Corolla are pinkish purple in <del>clour</del> with 10 mm to 12mm length. Subglabrous are much crumpled, fused into a tube with two large upper libs and three small lower libs.	Corolla are pinkish purple in <b>colour</b> , 10 mm to 12mm in length, subglabrous, much crumpled, fused into a tube with two large upper libs and three small lower libs.	Approved and draft modified accordingly
5	3.1.2	Paragraph Number needs to corrected for all sub headings in this clause		
		<del>3.1.3</del> Peduncle: Transverse section of Peduncle shows <del>are</del> quadrangular epidermis.....	-3.1.2.1 Peduncle: Transverse section of Peduncle shows quadrangular epidermis.....	Approved and draft modified accordingly
		The hypodermis <del>consisting</del> of few layers of collenchyma and chlorenchyma.....	The hypodermis consists of few layers of collenchyma and chlorenchyma.	
		.....with xylem towards inside and phloem towards outside eharacteristic crescent shaped sclerenchyma bundle.....	.....with xylem towards inside and phloem towards outside. Characteristic crescent shaped sclerenchyma bundle....	
6	3.1.4	Sclerenchyma bundle sheath is <del>surrounds</del> by the vascular bundle.	Sclerenchyma bundle sheath is surrounded by the vascular bundle.	Approved and draft modified accordingly
7	3.1.7	The microscopy <del>are</del> shows pollen grains....	The microscopy shows pollen grains..	
8	C-6	<b>PRELIMINARY TESTING</b>		
		Prior to doing the tests, inoculate diluted extracts <del>being</del> examined with separate viable cultures.....	Prior to doing the tests, inoculate diluted extracts should be examined with separate viable cultures....	Approved and draft modified accordingly

**Narjil Daryai (Lodoicea maldivica Pers Syn L seychellarum Labill) Dried Endosperm for use in Traditional Medicine Specification**

S.No	Clause	Original text	Proposed comments	Action taken
1	Foreword	Narjil Daryā'ī is having synonyms like- <del>to</del> Narjil Baḥri.	Narjil Daryā'ī has synonyms like Narjil Baḥri	Draft modified accordingly
2	3.1.2	Testa <del>are</del> shows 4 to 6 layers of polygonal, tangentially elongated, lignified, thick walled cells filled with reddish-brown contents. The wide zone is oval to polygonal, thick-walled cells.	Testa shows 4 to 6 layers of polygonal, tangentially elongated, lignified, thick walled cells filled with reddish-brown contents, followed by a wide zone of oval to polygonal, thick-walled cells.	Draft modified accordingly
		The endosperm is consisting of spindle-shaped cells with thick walls. A central lumen is club-shaped canals extending to the cell wall.	The endosperm consists of spindle-shaped cells with thick walls having a central lumen with club-shaped canals extending to the cell wall.	
3	3.1.3	Microscopy <del>are</del> shows lignified, polygonal to tangentially elongated, thick walled cells filled with reddish-brown contents. The thick walled is oval to polygonal parenchyma cells. Thin walled is with parenchyma cells in surface view. The endosperm cells are consisting of spindle-shaped cells with thick walls having a central lumen with club-shaped canals extending to the cell wall. Each endosperm cells are filled with aleurone grains and oil globules	Microscopy shows lignified, polygonal to tangentially elongated, thick walled cells filled with reddish-brown contents; thick walled oval to polygonal parenchyma cells; thin walled parenchyma cells in surface view; endosperm cells consists of spindle-shaped cells with thick walls having a central lumen with club-shaped canals extending to the cell wall; each endosperm cells filled with aleurone grains and oil globules.	Draft modified accordingly
4	A.2.11	Thin Layer Chromatograph with a Pre Coated Silica Gel 60F254 Plate	Thin Layer Chromatograph Plate Pre Coated with Silica Gel 60F254	Draft modified accordingly
5	A.2.1	some more apparatus may be added		
		TLC plate development Chamber (Preferably twin truff)		

		Hot air oven		Draft modified accordingly
		Spraying apparatus/ Chamber		
6	A.2.3.1	Clause A-2.3.2 may be merged to A - 2.3.1		Draft modified accordingly
		A- 2.3.1		
		Solvent System: Mix chloroform and methanol in the ratio of 9.0:1.0		
7	A.2.3.1	Clause A-2.3.2 may be merged to A - 2.3.1		
		A- 2.3.1		
		<i>Solvent System:</i> Mix chloroform and methanol in the ratio of 9.0:1.0		
8	A.2.2	some more reagents may be added		Draft modified accordingly
		Ethanol		
		Vanillin		
		Sulphuric acid		
		Toluene		
		Ethyl acetate		
		Formic acid		
9	A.2.3.3	<i>Preparation of Test Solution-</i> To 3 g of the substance being examined.....	<i>Preparation of Test Solution-</i> To 2 g of the coarsely powdered plant material being examined	Draft modified accordingly
		for uniformity we may consider 2 g of coarsely powdered plant material		
10	A.4.1	<b>(TLC of Chloroform extract and Alcohol extract are the parts of identification, therefore sequence or clause no. may be change)</b>	(TLC of Chloroform extract and Alcohol extract are the part of identification, therefore sequence or clause no. may be change)	Draft modified accordingly
		A-4.1 <i>Thin Layer Chromatography of Alcohol Extract</i>	A-3.2 <i>Thin Layer Chromatography of Alcohol Extract</i>	
		A-4.1.1	A-3.2.1	
		A-4.1.2	A-3.2.2	
11	A.2.1.1	Thin Layer Chromatograph with a Pre Coated Silica Gel 60F254 Plate	Thin Layer Chromatograph Plate Pre Coated with Silica Gel 60F254	Draft modified accordingly

