

SPECIFICATION AND TEST METHOD FOR STAR FRUIT LEAF EXTRACT BG30

STAR FRUIT LEAF EXTRACT BG30 is 1,3-butylene glycolic solution (30vol%) from the leaves of *Averrhoa carambola* Linné(*Oxalidaceae*).

DESCRIPTION

The product is a light yellow-brown to brown liquid, having a slight characteristic odor.

IDENTIFICATION

- (1) To 1 mL of a solution of STAR FRUIT LEAF EXTRACT BG30 (1→5) add 1 to 2 drops of ferric chloride TS : a green-brown to dark green-brown color develops.
- (2) Take 1 mL of a solution of STAR FRUIT LEAF EXTRACT BG30 (1→2) add 2 to 3 drops of α -naphthol and ethanol solution(1→20) and mix well. Further to this solution add carefully 1 mL of sulfuric acid : a red-puple color develops at the zone of contact.

pH (1→10) 4.0 ~ 6.0

SPECIFIC GRAVITY (d_{20}^{20}) : 1.000 ~ 1.100 (Method 1, C)

PURITY TEST

(1)HEAVY METALS

Proceed with 1.0g of STAR FRUIT LEAF EXTRACT BG30 according to Method 2 and perform the test.

Prepare the control solution with 2.0 mL of Standard Lead Solution.

(not more than 20ppm)

(2)ARSENIC

Take 1.0g of STAR FRUIT LEAF EXTRACT BG30 prepare the test solution according to Method 3 and perform the test.

(not more than 2 ppm)

EVAPORATION RESIDUE (0.5 ~ 1.5 w/v%)

Take exactly 10 mL of STAR FRUIT LEAF EXTRACT BG30 in a preweighed evaporating dish and evaporate to dryness over a water bath, then dry at 105°C for 6 hours.

[NOTE]

Not otherwise specified, this specification and test method are conducted in accordance with General Regulations and General Test Methods of The Japanese Standards of Quasi-Drug Ingredients.

TRADE NAME : STAR FRUIT LEAF EXTRACT BG30

MANUFACTURER : Maruzen Pharmaceuticals Co., Ltd.

1-140 Shinhongo Hongo Minogo-cho Onomichi City
Hiroshima 722-0212 Japan

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