



## APPLICATIONS UNDER EXAMINATION

## CALIBRACHOA

### CALIBRACHOA (*Calibrachoa*)

**Proposed denomination:** 'BBCAL81801'  
**Trade name:** Superbells Blackcurrant Punch  
**Application number:** 18-9520  
**Application date:** 2018/05/31  
**Applicant:** Plant 21 LLC, Bonsall, California, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Brent D. Barnes, Plant 21 LLC, Bonsall, California, United States of America

**Variety used for comparison:** 'USCAL08501' (Superbells Pomegranate Punch)

**Summary:** *The transition to the corolla tube on the inner side of the corolla of 'BBCAL81801' is black and star-shaped whereas that of 'USCAL08501' is brown purple and rounded. When fully opened, the inner side of the corolla of 'BBCAL81801' is mainly purple whereas that of 'USCAL08501' is mainly dark purple red to red. The inner side of the corolla tube of 'BBCAL81801' is yellow whereas that of 'USCAL08501' is yellow orange.*

#### Description:

**PLANT:** semi-upright growth habit

**LEAF BLADE:** narrow acute to obtuse apex, no variegation, upper side medium to dark green

**PEDICEL:** absent or very weak intensity of anthocyanin colouration

**FLOWER:** single type

**COROLLA:** medium degree of lobing, conspicuousness of veins ranging from weak to medium

**COROLLA LOBE (INNER SIDE):** when newly opened purple (pinker than RHS N74A) with a black (RHS 202A) eye, when fully opened purple (RHS N74A-B), when aged mainly purple (lighter than RHS N74B), large to very large black (RHS 202A) star-shaped area at transition to corolla tube, truncate to weakly emarginate apex

**COROLLA TUBE (INNER SIDE):** yellow (RHS 5A-B), absent or very small marking at transition to corolla, weak conspicuousness of veins

**Origin and Breeding:** 'BBCAL81801' originated from a controlled cross conducted by the breeder Mr. Brent Barnes at Plant 21 LLC in Bonsall, California, USA. The cross was made on August 27, 2015 between 'JGCAL09404', as the female parent, and 'Superbells Blackberry Punch', as the male parent. The new variety was selected on May 17, 2016 as a unique single seedling from the cross. Selection was based on garden performance, growth habit, branching characteristics and flowering characteristics; including colour and colour pattern. Asexual reproduction of 'BBCAL81801' was first conducted by vegetative tip cuttings on May 17, 2016 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for 'BBCAL81801' was conducted in a polyhouse during the summer of 2019 in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 30 cm diameter hanging baskets on May 6, 2019. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 19, 2019. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'BBCAL81801'**

	<b>'BBCAL81801'</b>	<b>'USCAL08501'*</b>
<i>Colour of inner side of corolla (RHS)</i>		
transition area	202A	187A
fully opened, main	N74A-B	53B, 46B
<i>Colour of corolla tube (RHS)</i>		
inner side	5A-B	13A
*reference variety		



Calibrachoa: 'BBCAL81801' (left) with reference variety 'USCAL08501'



Calibrachoa: 'BBCAL81801' (left) with reference variety 'USCAL08501'

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<b>Proposed denomination:</b>	<b>'BBCAL82201'</b>
<b>Trade name:</b>	Superbells Tangerine Punch
<b>Application number:</b>	18-9566
<b>Application date:</b>	2018/07/04
<b>Applicant:</b>	Plant 21 LLC, Bonsall, California, United States of America
<b>Agent in Canada:</b>	BioFlora Inc., St. Thomas, Ontario
<b>Breeder:</b>	Brent D. Barnes, Plant 21 LLC, Bonsall, California, United States of America

**Varieties used for comparison:** 'HULA Orange' and 'Balcaboriss' (Cabaret Coral Kiss)

**Summary:** *The plants of 'BBCAL82201' are larger than those of both reference varieties. The apex of the leaf blade of 'BBCAL82201' is obtuse to rounded whereas that of 'HULA Orange' is narrow acute. The pedicel of 'BBCAL82201' is longer than those of both reference varieties. The transition to the corolla tube on the inner side of the corolla of 'BBCAL82201' is brown purple whereas the transition to the corolla tube of both reference varieties is dark purple red. When newly opened, the inner side of the corolla of 'BBCAL82201' is orange red whereas the corolla of 'HULA Orange' is orange and the corolla of 'Balcaboriss' is orange pink. When fully opened, the inner side of the corolla of 'BBCAL82201' is orange red whereas that of 'HULA Orange' is orange and that of 'Balcaboriss' is orange pink to light red pink.*

**Description:**

PLANT: semi-upright to spreading growth habit

LEAF BLADE: obtuse to rounded apex, no variegation, upper side medium to dark green

PEDICEL: absent or very weak intensity of anthocyanin colouration

FLOWER: single type

COROLLA: weak to medium degree of lobing, medium conspicuousness of veins

COROLLA LOBE (INNER SIDE): when newly opened mainly orange red (RHS 30A-B), when fully opened orange red (RHS N25A), when aged mainly orange to yellow orange (RHS 26B, 20A), large brown purple (closest to RHS 187A) rounded area at transition to corolla tube, rounded and truncate apex

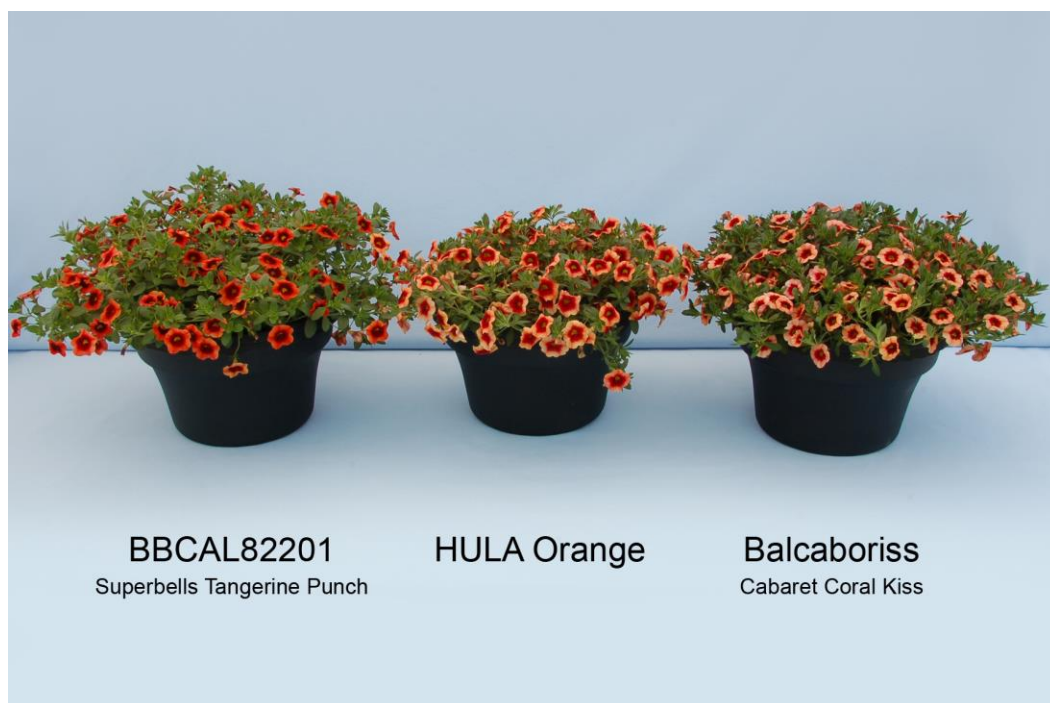
COROLLA TUBE (INNER SIDE): yellow (RHS 9A), absent or very small marking at transition to corolla, weak to medium conspicuousness of veins

**Origin and Breeding:** ‘BBCAL82201’ originated from a controlled cross conducted by the breeder Mr. Brent Barnes at Plant 21 LLC in Bonsall, California, USA. The cross was made on August 26, 2015 between the variety ‘Aloha Hula Godiva’, as the female parent, and the proprietary seedling designated ‘14CG043-02’, as the male parent. The new variety was selected on May 17, 2016 as a unique single seedling from the cross. Selection was based on garden performance, growth habit, branching characteristics and flowering characteristics; including colour and colour pattern. Asexual reproduction of ‘BBCAL82201’ was first conducted by vegetative tip cuttings on May 17, 2016 in Bonsall, California, USA.

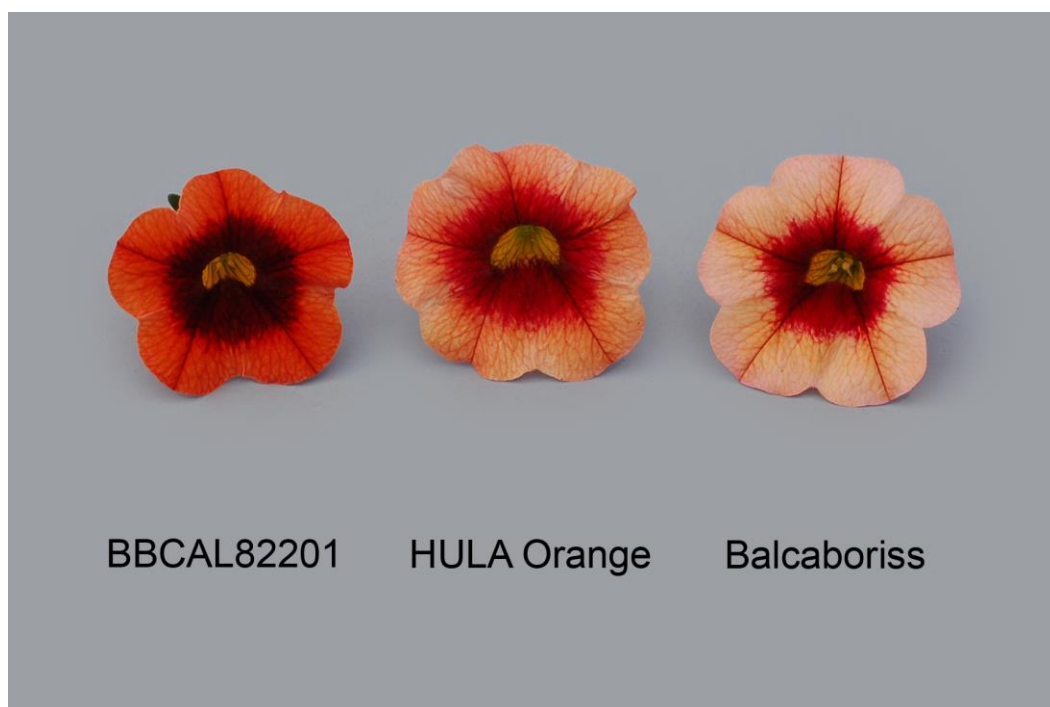
**Tests and Trials:** The comparative trial for ‘BBCAL82201’ was conducted in a polyhouse during the summer of 2019 in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 30 cm diameter hanging baskets on May 6, 2019. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 27, 2019. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for ‘BBCAL82201’**

	‘BBCAL82201’	‘HULA Orange’*	‘Balcaboriss’*
<i>Plant height (cm)</i>			
mean	22.5	17.5	18.1
std. deviation	1.38	1.43	1.43
<i>Plant width (cm)</i>			
mean	53.0	44.5	47.8
std. deviation	2.92	2.74	2.64
<i>Pedicle length (cm)</i>			
mean	3.2	1.6	1.9
std. deviation	0.35	0.41	0.43
<i>Colour of inner side of corolla (RHS)</i>			
transition area	close to 187A	closest to 53A	closest to 53A but slightly more purple
newly opened	30A-B	29B	37A-B
fully opened, main	N25A	26C	35C-D
*reference varieties			



Calibrachoa: 'BBCAL82201' (left) with reference varieties 'HULA Orange' (centre) and 'Balcaboriss' (right)



Calibrachoa: 'BBCAL82201' (left) with reference varieties 'HULA Orange' (centre) and 'Balcaboriss' (right)

**Proposed denomination:** 'BBCAL85303'  
**Trade name:** Superbells Holy Cow!  
**Application number:** 18-9407  
**Application date:** 2018/03/29  
**Applicant:** Plant 21 LLC, Bonsall, California, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Brent D. Barnes, Plant 21 LLC, Bonsall, California, United States of America

**Varieties used for comparison:** 'KLECA16006' (Superbells Rising Star) and 'USCALCHSTM' (Superbells Holy Moly!)

**Summary:** *The pedicel of 'BBCAL85303' is longer than that of 'KLECA16006' and shorter than that of 'USCALCHSTM'. The pedicel of 'BBCAL85303' has an absent or very weak intensity of anthocyanin colouration whereas the pedicel of 'KLECA16006' has a weak to medium intensity of anthocyanin colouration. The flowers of 'BBCAL85303' are larger than those of both reference varieties. The yellow area at the transition to the corolla tube for 'BBCAL85303' is medium sized and star shaped whereas that of both reference varieties range from small to medium sized and are rounded. The inner side of the corolla lobe of 'BBCAL85303' has a large star-shaped yellow marking whereas both reference varieties have no marking. The secondary colour on the inner side of the corolla lobes of 'BBCAL85303' is a white medium to broad area along the fused parts and the margin, whereas the secondary colour on the corolla lobes of 'KLECA16006' is a white narrow area along the fused parts and the secondary colour for 'USCALCHSTM' is a yellow green to light yellow medium sized area along the fused parts and the margin of the corolla lobes.*

**Description:**

PLANT: semi-upright growth habit

LEAF BLADE: narrow acute to obtuse apex, no variegation, upper side medium green

PEDICEL: absent or very weak intensity of anthocyanin colouration

FLOWER: single type

COROLLA: strong degree of lobing, absent or very weak conspicuousness of veins

COROLLA LOBE (INNER SIDE): when newly opened mainly purple (darker than RHS N74A), when fully opened mainly purple (closest to RHS N74A) with a white (RHS NN155D) medium to broad area along fused parts and margin, when aged purple (RHS N74A), medium sized star-shaped yellow (RHS 4A-B) area at transition to corolla tube, rounded or truncate apex

COROLLA TUBE (INNER SIDE): yellow (RHS 9A), large star-shaped yellow marking at transition to corolla, weak conspicuousness of veins

**Origin and Breeding:** 'BBCAL85303' originated from a controlled cross conducted by the breeder Mr. Brent Barnes at Plant 21 LLC in Bonsall, California, USA. The cross was made on October 28, 2015 between the proprietary seedling designated 15C644-01, as the female parent, and 'USCAL91001', as the male parent. The new variety was selected on June 23, 2016 as a unique single seedling from the cross. Selection was based on garden performance, growth habit, branching characteristics and flowering characteristics; including colour and colour pattern. Asexual reproduction of 'BBCAL85303' was first conducted by vegetative tip cuttings on June 25, 2016 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for 'BBCAL85303' was conducted in a polyhouse during the summer of 2019 in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 30 cm diameter hanging baskets on May 6, 2019. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 19, 2019. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'BBCAL85303'

	'BBCAL85303'	'KLECA16006'*	'USCALCHSTM'*
<i>Pedicle length (cm)</i>			
mean	2.0	1.7	2.9
std. deviation	0.26	0.31	0.60
<i>Flower width (cm)</i>			
mean	3.7	3.1	3.2
std. deviation	0.18	0.10	0.18
<i>Secondary colour of inner side of corolla (RHS)</i>			
fully opened	NN155D	NN155D	4C-D

\*reference varieties



Calibrachoa: 'BBCAL85303' (left) with reference varieties 'KLECA16006' (centre) and 'USCALCHSTM' (right)





Calibrachoa: 'BBCAL85303' (left) with reference varieties 'KLECA16006' (centre) and 'USCALCHSTM' (right)

**Proposed denomination:** 'BBCAL85805'  
**Trade name:** Superbells Holy Smokes!  
**Application number:** 18-9408  
**Application date:** 2018/03/29  
**Applicant:** Plant 21 LLC, Bonsall, California, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Brent D. Barnes, Plant 21 LLC, Bonsall, California, United States of America

**Varieties used for comparison:** 'USCALCHSTM' (Superbells Holy Moly!) and 'BBCAL85303' (Superbells Holy Cow!)

**Summary:** *The flower of 'BBCAL85805' is wider than that of 'USCALCHSTM'. The transition to the corolla tube on the inner side of the corolla of 'BBCAL85805' is dark violet whereas that of both reference varieties is yellow. When newly and fully opened, the inner side of the corolla of 'BBCAL85805' is mainly dark violet whereas that of both reference varieties is purple. When aged, the inner side of the corolla of 'BBCAL85805' is blue violet whereas that of 'USCALCHSTM' is blue pink and that of 'BBCAL85303' is purple.*

**Description:**

PLANT: semi-upright growth habit

LEAF BLADE: obtuse to rounded apex, no variegation, upper side medium green

PEDICEL: absent or very weak intensity of anthocyanin colouration

FLOWER: single type

COROLLA: medium degree of lobing, weak conspicuousness of veins

COROLLA LOBE (INNER SIDE): when newly opened mainly dark violet (darker than RHS 83A), when fully opened mainly dark violet (RHS 83A-B) with a white (RHS NN155C) medium to broad area along fused parts, when aged mainly blue violet (RHS 83D, N87B-D), small dark violet (RHS N79A) rounded area at transition to corolla tube, truncate apex

COROLLA TUBE (INNER SIDE): yellow (RHS 8A, 9A), very large star-shaped yellow marking at transition to corolla, weak conspicuousness of veins



**Origin and Breeding:** ‘BBCAL85805’ originated from a controlled cross conducted by the breeder Mr. Brent Barnes at Plant 21 LLC in Bonsall, California, USA. The cross was made on October 15, 2015 between the proprietary seedling designated ‘15CB414-01’, as the female parent, and the proprietary seedling designated ‘15C692-05’, as the male parent. The new variety was selected on June 23, 2016 as a unique single seedling from the cross. Selection was based on garden performance, growth habit, branching characteristics and flowering characteristics; including colour and colour pattern. Asexual reproduction of ‘BBCAL85805’ was first conducted by vegetative tip cuttings on June 25, 2016 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for ‘BBCAL85805’ was conducted in a polyhouse during the summer of 2019 in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference varieties. All plants were grown from rooted cuttings and transplanted into 30 cm diameter hanging baskets on May 6, 2019. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 19, 2019. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for ‘BBCAL85805’**

	‘BBCAL85805’	‘USCALCHSTM’*	‘BBCAL85303’*
<i>Flower width (cm)</i>			
mean	3.7	3.2	3.7
std. deviation	0.09	0.18	0.18
<i>Colour of inner side of corolla (RHS)</i>			
transition area	N79A	7A	4A-B
newly opened	darker than 83A	lighter than 61A	darker than N74A
fully opened, main	83A-B	71C	closest to N74A
aged	83D with tones ranging from N87B-D	67B-C	N74B

\*reference varieties



Calibrachoa: ‘BBCAL85805’ (left) with reference varieties ‘USCALCHSTM’ (centre) and ‘BBCAL85303’ (right)



Calibrachoa: 'BBCAL85805' (left) with reference varieties 'USCALCHSTM' (centre) and 'BBCAL85303' (right)

**Proposed denomination:** 'USCAL51505'  
**Trade name:** Superbells Double Chiffon  
**Application number:** 18-9567  
**Application date:** 2018/07/04  
**Applicant:** Plant 21 LLC, Bonsall, California, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Ushio Sakazaki, Shiga, Japan

**Variety used for comparison:** 'KLECA15290' (Minifamous Neo Double Lemon)

**Summary:** *The pedicel of 'USCAL51505' is shorter than that of 'KLECA15290'. The corolla of 'USCAL51505' has a very weak to weak degree of lobing whereas the corolla of 'KLECA15290' has a medium degree of lobing. When fully opened, the inner side of the corolla of 'USCAL51505' is lighter yellow than that of 'KLECA15290'. The corolla lobe of 'USCAL51505' has a truncate apex whereas the corolla lobe of 'KLECA15290' has a rounded apex.*

**Description:**

**PLANT:** semi-upright to spreading growth habit

**LEAF BLADE:** obtuse apex, no variegation, upper side medium green

**PEDICEL:** absent or very weak intensity of anthocyanin colouration

**FLOWER:** double type

**COROLLA:** absent or very weak to weak lobing, weak conspicuousness of veins

**COROLLA LOBE (INNER SIDE):** when newly opened mainly light yellow (RHS 10C), when fully opened mainly light yellow (RHS 10D and lighter toward center), when aged mainly light yellow orange (RHS 11D), truncate apex

**Origin and Breeding:** 'USCAL51505' originated from a controlled cross conducted by the breeder Mr. Ushio Sakazaki in Higashiomi, Shiga, Japan. The cross was made on May 26, 2012 between the proprietary seedling designated 'CJ08-07', as the female parent, and the proprietary seedling designated 'CC016-01', as the male parent. The new variety was selected on June 5, 2013 as a unique single seedling from the cross. Selection was based on growth habit, branching characteristics,

double flower type and flower colour. Asexual reproduction of 'USCAL51505' was first conducted by vegetative tip cuttings on June 6, 2013 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for 'USCAL51505' was conducted in a polyhouse during the summer of 2019 in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 30 cm diameter hanging baskets on May 6, 2019. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 27, 2019. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for 'USCAL51505'**

	<b>'USCAL51505'</b>	<b>'KLECA15290'*</b>
<i>Leaf blade length (cm)</i>		
mean	3.9	4.5
std. deviation	0.43	0.29
<i>Pedicle length (cm)</i>		
mean	1.7	2.5
std. deviation	0.28	0.37
<i>Colour of inner side of corolla (RHS)</i>		
fully opened	10D (inner petals lighter)	10B

\*reference variety



Calibrachoa: 'USCAL51505' (left) with reference variety 'KLECA15290' (right)



Calibrachoa: 'USCAL51505' (left) with reference variety 'KLECA15290' (right)

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**Proposed denomination:** 'USCAL81302'  
**Trade name:** Superbells Doublette Love Swept  
**Application number:** 18-9568  
**Application date:** 2018/07/04  
**Applicant:** Plant 21 LLC, Bonsall, California, United States of America  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Ushio Sakazaki, Shiga, Japan

**Variety used for comparison:** 'KLECA15332' (MiniFamous Uno Double Close Up)

**Summary:** *When fully opened, the inner side of the corolla of 'USCAL81302' has white along the margin of the corolla lobes whereas 'KLECA15332' does not. The corolla lobe of 'USCAL81302' has a rounded to broadly acute apex whereas the corolla lobe of 'KLECA15332' has a weakly emarginate apex.*

**Description:**

**PLANT:** semi-upright growth habit

**LEAF BLADE:** narrow acute apex, no variegation, upper side medium green

**PEDICEL:** absent or very weak intensity of anthocyanin colouration

**FLOWER:** double type

**COROLLA:** medium degree of lobing, absent or very weak conspicuousness of veins

**COROLLA LOBE (INNER SIDE):** when newly opened mainly purple (brighter pink than RHS N74A), when fully opened purple (RHS N74A-B) with white (RHS NN155D) along margin, when aged blue pink (closest to RHS 73A) with purple (RHS N74B) tones, rounded to broadly acute apex

**Origin and Breeding:** 'USCAL81302' originated from a controlled cross conducted by the breeder Mr. Ushio Sakazaki in Higashiomi, Shiga, Japan. The cross was made on May 24, 2015 between the variety 'Aloha Double Pink Star', as the female parent, and the proprietary seedling designated '14CJ25-01', as the male parent. The new variety was selected on May 19, 2016 as a unique single seedling from the cross. Selection was based on growth habit, branching characteristics,

double flower type, flower colour and flower pattern. Asexual reproduction of ‘USCAL81302’ was first conducted by vegetative tip cuttings on May 23, 2016 in Bonsall, California, USA.

**Tests and Trials:** The comparative trial for ‘USCAL81302’ was conducted in a polyhouse during the summer of 2019 in St. Thomas, Ontario. The trial included a total of 20 plants each of the candidate and reference variety. All plants were grown from rooted cuttings and transplanted into 30 cm diameter hanging baskets on May 6, 2019. Each basket contained 4 cuttings with a total of 5 baskets per variety. Observations and measurements were taken from 10 plants, or parts of plants, of each variety on June 27, 2019. All colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

**Comparison table for ‘USCAL81302’**

	‘USCAL81302’	‘KLECA15332’*
Secondary colour of inner side of corolla (RHS)		
fully opened, along margin	NN155D	N/A
*reference variety		



Calibrachoa: ‘USCAL81302’ (left) with reference variety ‘KLECA15332’ (right)



Calibrachoa: 'USCAL81302' (left) with reference variety 'KLECA15332' (right)

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