

DISCLAIMER

The present version of the national guideline has been accepted by the President of the CPVO for its use in technical examinations carried out on behalf of the CPVO or for the take-over of reports serving as a basis for a CPVO decision.



Simplified standard protocol

Examination office:	Naktuinbouw	
Reference of the protocol:	SSP/ODM/1	
Date of preparation of the protocol:	03/04/2023	
Date of entry into force of the protocol:	03/04/2023	
Botanical taxon:	Epidendrum L.	
Common Name (when known):	Epidendrum	
Way of propagation of the plants to be examined:	Self or cross pollinated seed propagated □ Vegetatively propagated ⊠	
Number of growing cycles:	1 ⊠ 2 □ Other □ specify Click or tap here to enter text.	
List of grouping characteristics:	Yes □ if yes put as annex No ⊠	
Minimum number of plants in trial:	Vegetative:10	Seed: Click or tap here to enter text.
Minimum number of plants observed by measuring or counting:	Vegetative:1	Seed: Click or tap here to enter text.
Give description of when observations should take place:	at full flowering	

Uniformity:

- For the assessment of uniformity of vegetatively propagated, self-pollinated seed propagated varieties or F1-hybrids, a population standard of 95% and an acceptance probability of at least 1% should be applied. In the case of a sample size of 10 plants, 1 off-type is allowed.
- For the assessment of uniformity for cross-pollinated varieties, the recommendations for cross-pollinated varieties in the General introduction of UPOV should be applied. The variability within the variety should not exceed the variability of comparable varieties already known.

Table of characteristics:	Present ⊠ Not available □
Literature: (when present, please annex to this document)	Present ⊠ Absent □

Table of characteristics:

1. Plant: height 2. Plant: amount of leaves 4. Plant: amount of sheathing leaves 5. Pseudobulb: length 6. Pseudobulb: colour 8. Leaf: length 9. Leaf: width 10. Leaf blade: green colour on upper side 11. Leaf blade: shape 12. Leaf blade: shape 13. Inflorescence: width 14. Inflorescence: mumber of flowers 15. Peduncle: length 16. Peduncle: length 17. Peduncle: green colour 18. Pedicellate-ovary: length 19. Pedicellate-ovary: ground colour 20. Flower: length 21. Flower: width 22. Dorsal sepal: highth 22. Dorsal sepal: shape 23. Dorsal sepal: shape in longitudinal section 24. Dorsal sepal: shape in cross-section 25. Dorsal sepal: shape in cross-section 26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: pattern of secondary colour 28. Dorsal sepal: pattern of secondary colour 29. Dorsal sepal: pattern of tertiary colour 20. Lateral sepal: shape in longitudinal section 20. Dorsal sepal: shape in cross-section 21. Dorsal sepal: pattern of secondary colour 22. Lateral sepal: pattern of secondary colour 23. Lateral sepal: shape in longitudinal section 24. Lateral sepal: shape in longitudinal section 25. Lateral sepal: pattern of secondary colour 26. Lateral sepal: pattern of secondary colour 27. Lateral sepal: pattern of secondary colour 28. Lateral sepal: shape in longitudinal section 39. Lateral sepal: shape in longitudinal section 30. Lateral sepal: pattern of secondary colour upper side 31. Lateral sepal: shape in longitudinal section 32. Lateral sepal: shape in longitudinal section 33. Lateral sepal: shape in longitudinal section 34. Lateral sepal: pattern of secondary colour upper side 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: pattern of secondary colour upper side 37. Lateral sepal: pattern of secondary colour upper side 38. Lateral sepal: pattern of secondary colour upper side 39. Lateral sepal: pattern of secondary colour		
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 20. Flower: length 21. Flower: width 22. Dorsal sepal: length 23. Dorsal sepal: width 24. Dorsal sepal: shape 25. Dorsal sepal: shape in longitudinal section 26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: pattern of tertiary colour 42. Petal: length 	18.	Pedicellate-ovary: length
21. Flower: width 22. Dorsal sepal: length 23. Dorsal sepal: width 24. Dorsal sepal: shape 25. Dorsal sepal: shape in longitudinal section 26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: secondary colour upper side 40. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: pattern of secondary pattern 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	19.	Pedicellate-ovary: ground colour
22. Dorsal sepal: length 23. Dorsal sepal: width 24. Dorsal sepal: shape 25. Dorsal sepal: shape in longitudinal section 26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	20.	Flower: length
23. Dorsal sepal: width 24. Dorsal sepal: shape 25. Dorsal sepal: shape in longitudinal section 26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	21.	
24. Dorsal sepal: shape 25. Dorsal sepal: shape in longitudinal section 26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape 36. Lateral sepal: shape in longitudinal section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	22.	
25. Dorsal sepal: shape in longitudinal section 26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	23.	Dorsal sepal: width
26. Dorsal sepal: shape in cross-section 27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	24.	Dorsal sepal: shape
27. Dorsal sepal: ground colour upper side 28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	25.	Dorsal sepal: shape in longitudinal section
28. Dorsal sepal: secondary colour upper side 29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	26.	Dorsal sepal: shape in cross-section
29. Dorsal sepal: pattern of secondary colour 30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	27.	Dorsal sepal: ground colour upper side
30. Dorsal sepal: tertiary colour upper side 31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	28.	Dorsal sepal: secondary colour upper side
31. Dorsal sepal: pattern of tertiary colour 32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	29.	Dorsal sepal: pattern of secondary colour
32. Lateral sepal: length 33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	30.	Dorsal sepal: tertiary colour upper side
33. Lateral sepal: width 34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	31.	Dorsal sepal: pattern of tertiary colour
34. Lateral sepal: shape 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length	32.	Lateral sepal: length
 35. Lateral sepal: shape in longitudinal section 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length 	33.	Lateral sepal: width
 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length 	34.	Lateral sepal: shape
 36. Lateral sepal: shape in cross-section 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length 	35.	
 37. Lateral sepal: ground colour upper side 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length 		
 38. Lateral sepal: secondary colour upper side 39. Lateral sepal: pattern of secondary pattern 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length 	37.	Lateral sepal: ground colour upper side
 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length 	38.	
 40. Lateral sepal: tertiary colour upper side 41. Lateral sepal: pattern of tertiary colour 42. Petal: length 		
41. Lateral sepal: pattern of tertiary colour42. Petal: length		
42. Petal: length		

44.	Petal: shape
45.	Petal: shape in longitudinal section
46.	Petal: shape in cross-section
47.	Petal: ground colour upper side
48.	Petal: secondary colour upper side
49.	Petal: pattern of secondary pattern
50.	Petal: tertiary colour upper side
51.	Petal: pattern of tertiary colour
52.	Lip: length
53.	Lip: width
54.	Lip: shape of apical lobe
55.	Lip: indentation of apical lobe apex
56.	Lip: margin
57.	Lip: ground colour upper side
58.	Lip: secondary colour upper side
59.	Lip: tertiary colour upper side
60.	Callus: main colour
61.	Column: length
62.	Column: main colour
	Literature:
	The Cambridge Illustrated Glossary of Botanical Terms by Michael Hickey and Clive King