

Correction

Correction: Nastasi, J.R. Colourimetric Assays for Assessing Polyphenolic Phytonutrients with Nutraceutical Applications: History, Guidelines, Mechanisms, and Critical Evaluation. *Nutraceuticals* 2025, 5, 40

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Error in Table

In the original publication [1], an incorrect version of Table 4 was published. The corrected version of Table 4 was inadvertently not attached during the final review process. The corrected Table 4 is provided below.

Table 4. Spectral and molar-absorptivity reference values for anthocyanidin-3-*O*-glucosides in 0.025 M KCl buffer (pH 1.0, 25 °C).

Anthocyanidin-3- <i>O</i> -glucoside	MW (Cation)	MW (Chloride Salt)	$\lambda_{\max}$ (nm)	ϵ (L mol ⁻¹ cm ⁻¹)	Apparent Hue (pH 1.0)	Reference
Pelargonidin-3-glu	433.4	468.8	498	14,300	Orange-red	[133]
			498	13,317	Orange-red	[128]
Cyanidin-3-glu	449.2	484.8	510	20,000	Bright red	[133]
			520	26,900	Crimson-red	[122]
			511	22,791	Crimson-red	[128]
Peonidin-3-glu	463.2	498.9	510	15,100	Red-purple	[133]
			511	14,131	Red-purple	[128]
Delphinidin-3-glu	465.2	500.8	514	13,000	Violet	[133]
			518	6969	Violet-blue	[128]
Petunidin-3-glu	479.2	514.9	515	21,300	Purple-violet	[133]
			519	11,198	Purple-violet	[128]
Malvidin-3-glu	493.4	528.9	517	23,400	Purple-blue	[133]
			521	6538	Purple-blue	[128]

All spectra were recorded in 0.025 M KCl buffer at pH 1.0 $\pm$ 0.05 and 25 °C. Colour designations correspond to visual appearance at this pH, where anthocyanins exist predominantly as flavylium cations. Minor ϵ discrepancies among sources reflect differences in standard purity and instrumental calibration, not changes in chromophore behaviour.

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.



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Reference

1. Nastasi, J.R. Colourimetric Assays for Assessing Polyphenolic Phytonutrients with Nutraceutical Applications: History, Guidelines, Mechanisms, and Critical Evaluation. *Nutraceuticals* **2025**, *5*, 40. [[CrossRef](#)]

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