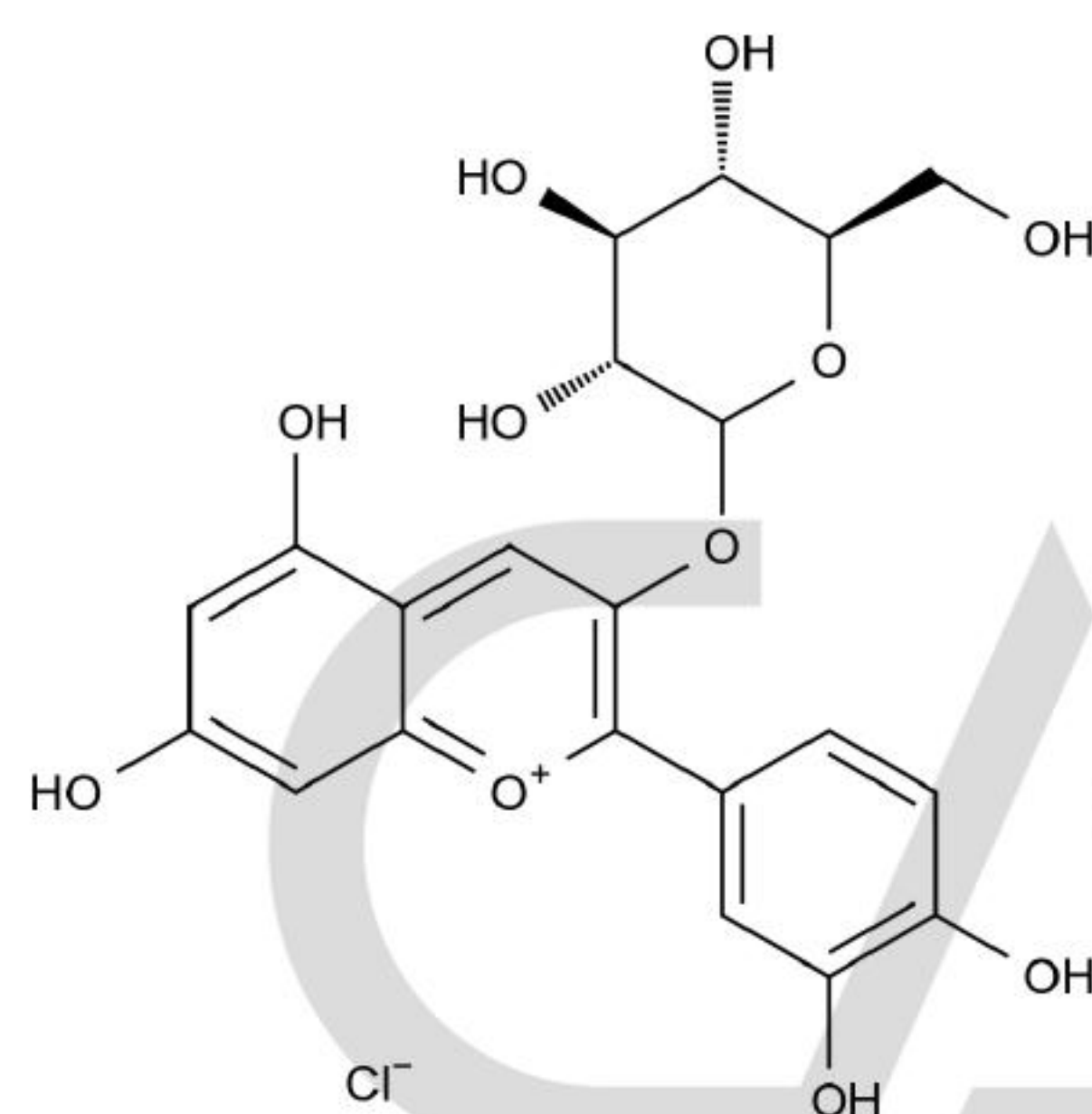


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyanidin-3-O-Glucoside Chloride	Catalogue Number:	CCPE900439
Synonyms:	N/A	Lot Number:	0612-RH-0085
CAS Number:	7084-24-4	Expiry Date:	Jun 15, 2030
Molecular Formula:	C ₂₁ H ₂₁ O ₁₁ Cl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	449.38 35.45	Shipping Condition:	Shipping with Ice Packs
Solubility:	Methanol		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.9%
Assay	qNMR	98.5%
Uncertainty		±0.5%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 16, 2026

Date: Jun 17, 2026

Date: Jun 17, 2026



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