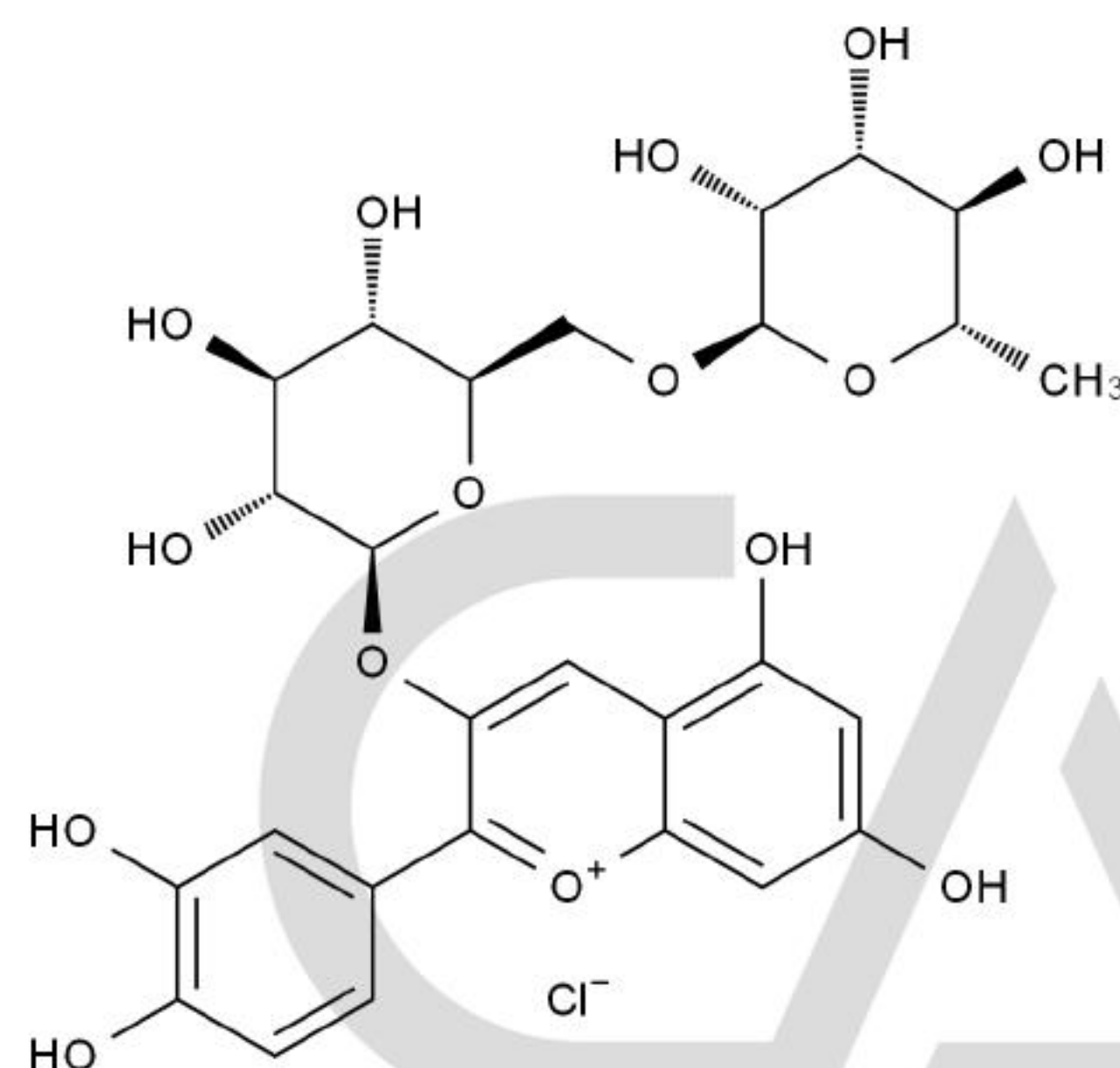


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyanidin 3-O-rutinoside chloride	Catalogue Number:	CCPE901508
Synonyms:	N/A	Lot Number:	0119-RH-0019
CAS Number:	18719-76-1	Expiry Date:	Apr 24, 2028
Molecular Formula:	C ₂₇ H ₃₁ O ₁₅ Cl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	595.53 35.45	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Reddish Brown Solid
Identification	CNMR&HNMR	Confirmed
Purity	HPLC	98.4%
Uncertainty		±0.3%

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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 20, 2026

Date: Jan 21, 2026

Date: Jan 21, 2026



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