

Certificate of Analysis

Cyanidin-3-O-galactoside (chloride)

Cat. No.: HY-N4142 CAS No.: 27661-36-5 Batch No.: 89713

Chemical Name: 1-Benzopyrylium, 2-(3,4-dihydroxyphenyl)-3-(β-D-galactopyranosyloxy)-5,7-dihydroxy-, chloride

(1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{21}ClO_{11}$ **Molecular Weight:** 484.84

Storage: 4°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

Chemical Structure:

ANALYTICAL DATA

Brown to black (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.20%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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