

CERTIFICATE OF ANALYSIS

Malvidin-3-O-glucoside chloride

[**Catalog No.**] CFN92049

[**CAS No.**] 7228-78-6

[**Purity**] $\geq 98\%$

[**M.F**] $C_{23}H_{25}ClO_{12}$

[**Physical Description**] Powder

[**Solvent**] DMSO, Pyridine, Methanol, Ethanol, etc.

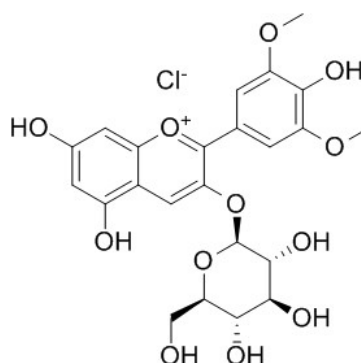
[**Weight**] 5mg

[**Lot No.**] CFS202202

[**Storage**] Protected from air and light, refrigerate or freeze(2-8 °C)

[**Intended Use**] For laboratory use only

[**Shelf Life**] 2 years



[**Chemical Structure**]

[**Characterization Data Summary**]

Analytical Test	Results
Identification by 1H -NMR, HPLC	Consistent with the above structure
Purity tested	$\geq 98\%$

Authorized Signature:

Date: