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CERTIFICATE OF ANALYSIS

Cat No.: 020909S

Product:

CYANIDIN CHLORIDE with HPLC
(3,3',4',5,7-Pentahydroxyflavylium chloride)

Cas Number:

[528-58-5]

Lot Number:

1072620

Chemical Formula:

C₁₅H₁₁O₆Cl

Molecular Weight:

322.70

Appearance:

Violet powder

U.V.Spectrum:

In methanol +0.01% HCl

Thin layer chromatography:

Support: Cellulose
Solvent: 20 mn linear gradient 5 to 60%B (V/V) and
5 mn linear gradient 60 to 100% then
5mn isocratic 100% B
A=water/formic acid (90/10, V/V)
B= methanol +0.1% HCl 1 ml/mn
Detection: UV Visible 528 nm

Caution:

Damaged through moisture

Storage:

Cool dry place

Purity:

97.10%

Expires: 1/1/2015