



CONFIDENTIAL

SPECIMEN

Certificate of Analysis

For Laboratory Use Only

PRODUCT NAME	Pelargonidin-3-glucoside chloride	Structure
PART NUMBER	00016101	но
STANDARD TYPE	Analytical Standard (AS)	Ношин ОН
LOT NUMBER	00016101-224	
REPORT NUMBER	CDXA-RSS-9626-00	
SAMPLE NUMBER	NA	
DATE OF SAMPLE	01/20/2022	
DATE OF REPORT	01/25/2022	HO CI-

CHEMICAL NAMES	1-Benzopyrylium, 3-(β-D-glucopyranosyloxy)-5,7-dihydroxy-2-(4-hydroxyphenyl)-, chloride (1:1) (ACI)
CHEMICAL FORMULA	C ₂₁ H ₂₁ O ₁₀ Cl
MOLECULAR WEIGHT (MW)	468.84
CHEMICAL FAMILY	Anthocyanidins
CAS NUMBER	[18466-51-8]
EC#(EINECS)	805-337-4
RTECS	NA

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	See below	≥ 75%	99.2%
Appearance	NA	NA	Red powder

STORAGE CONDITIONS

STORAGE -20 °C in a dry place.

EXPIRATION DATE 10/2024 under the above conditions.

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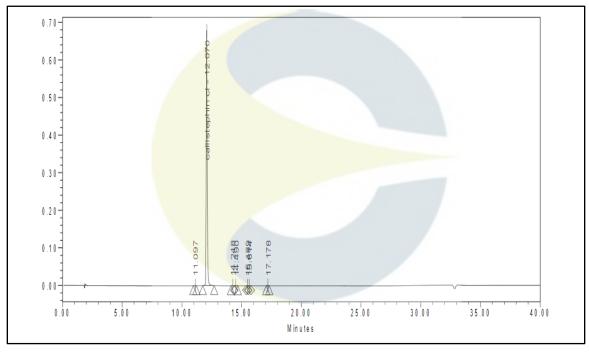
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ANALYTICAL CONDITIONS

COLUMN	Atlantis dC18 150 x 4.6 mm, 3 µm particle size
MOBILE PHASE	A – 10% formic acid in water, B - Methanol; Increase from 5% to 60% in 20 minutes, then increase to 100% in 5 minutes, then isocratic at 100% for 5 minutes
COLUMN TEMP.	30 °C
FLOW RATE	1 mL/minute
INJECTION VOL.	5 μL
INJECTION SOLVENT	0.1% HCl in Methanol
DETECTION	500 nm

HPLC CHROMATOGRAM OF PELARGONIDIN-3-GLUCOSIDE CHLORIDE



REVISION HISTORY

Revision History	Date of Revision	Document/Changes
00	01/25/2022	New report

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