

Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 29/12/2014
COA Revision Date: 29/12/2017

Product: Caloxin 2A1
Cat. No.: BP0357
Batch No.: 0357BP/02
Chemical Name:

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₆₄H₉₁N₁₉O₂₂
Batch Molecular Weight: 1478.52
CAS No.:
Physical Appearance: White crystalline solid
Melting Point:
Solubility: Soluble to 1 mg/ml in water
Storage: Desiccate at -20° C
Batch Molecular Structure:

H-Val-Ser-Asn-Ser-Asn-Trp-Pro-Ser-Phe-
Pro-Ser-Ser-Gly-Gly-Gly-NH₂

Product Description: Plasma membrane Ca²⁺ ATPase (PMCA) inhibitor. It has been reported to inhibit PMCA activity by interacting with the second extracellular loop on the pump.

References: 1. Chaudhary et al. (2001) AJP Cell Phys 280:C1027

- CAUTION - Not fully tested. For Research use only. Not for human use. –

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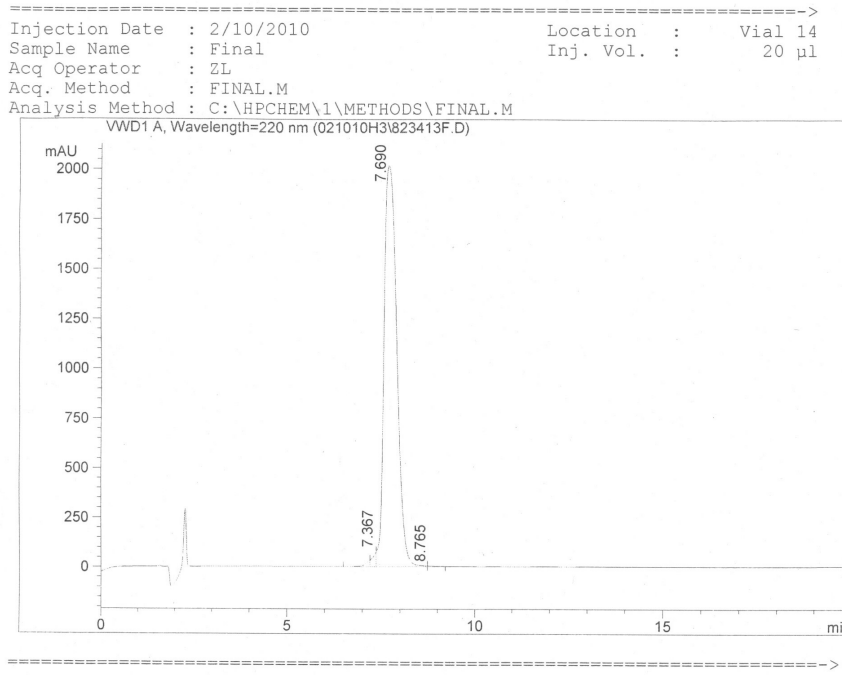
BP0357 Caloxin 2A1

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: Counter Ion: Trifluoroacetate; HPLC Assay: 98.2% (complies).



Signal 1:VWD1 A, Wavelength=220 nm

Peak #	RT [min]	Type	Height	Width [min]	Area	Area %
1	7.159	VV F	27.669	0.143	273.785	0.568
2	7.367	VV	76.538	0.107	490.041	1.016
3	7.690	VV	2017.577	0.375	47404.008	98.264
4	8.765	VV B	3.969	0.231	73.735	0.153

*** End of Report ***

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