

CERTIFICATE OF ANALYSIS

Product Identification

Product Name	Coelenterazine h
Catalog Number	RBL1022
Appearance	Yellow-Orange Solid
Storage Conditions	Protect from air and light at -20 °C. Keep Calcium free when stored in solution.
Amount	250 ug
Lot Number	ASOS00024
Molecular Weight	407 g/mol
Soluble in	MeOH (or EtOH)

Product Analytical Test 1

Absorption ¹ - λ_{ex}	Lot Data	260, 345, 436 nm
Extinction Coefficient ¹ at 436 nm	Lot Data	9,700 /cm·M
Fluorescence ^{1,2} - λ_{em}	Lot Data	538 nm
	Specification	540 ± 4 nm

1. Analytical Solvent : Methanol

2. Excitation : 436 nm

Product Analytical Test 2

Absorption ³ - λ_{ex}	Lot Data	282 nm
	Specification	280 ± 3 nm
Extinction Coefficient ³ at 280 nm	Lot Data	28,000 /cm·M
	Specification	≥ 23,000 /cm·M

3. Solvent : Methanol + HCl



Date of Issue : 07 Sep 2018

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BioActs certifies on the date above that is an accurate record of the analysis of the subject lot, and that the data conform to all quality specifications.