



## Certificate of Analysis

Spiral Eyes, LLC  
9602 Highway 19  
#1293  
Port Richey, FL 34673

Shipped Quantity: 4.000 DR

OPTIPHEN PLUS DRUM 208.2L 1  
Optiphen(TM) PLUS preservative  
Material Number: 830415 Customer  
Material Number: 0119752

Batch: 0002613635

Characteristics	Specification	Results
Appearance @ 25 deg. C - Clear to light yellow liquid	PASS	PASS
Color (APHA)	<= 200	43
Specific Gravity @ 25°C	1.0140 - 1.0240	1.0217
% Phenoxyethanol (GC, W1506)	50.5 - 54.5	52.1
% 1,2 Octanediol (GC, W1506)	40.0 - 44.0	42.7
Acid Value (W1413)	25.0 - 37.5	33.7
content Phenol ppm	<= 6	5
Date of Manufacture		August 14, 2022
Retest Date		August 13, 2024
Shipped Quantity		4.000 DR

### Notes:

Mix before sampling and use to ensure homogeneity.

Material may solidify when stored below 25 deg C.

If material contains solids gently heat at 30 to 40 deg C and mix thoroughly before use.

Product might darken with age and/or exposure to light.



## Certificate of Analysis

Spiral Eyes, LLC 9602 Highway 19 #1293 Port Richey, FL 34673	Shipped Quantity: 4.000 DR	
OPTIPHEN PLUS DRUM 208.2L 1 Optiphen(TM) PLUS preservative Material Number: 830415 Customer Material Number: 0119752 Batch: 0002613635		
Characteristics	Specification	Results

This COA is printed from a secure computer system ensuring the batch was properly released by the Quality Department and is valid without signature.