



Certificate of Analysis

Reactive Blue 2

Catalog Number: RB1002
Lot Number: 0215901
CAS Number: 12236-82-7
C.I. Number: 61211
Molecular Formula: $C_{29}H_{17}ClN_2Na_3O_{11}S_3$
Molecular Weight: 840.10
Storage: 15°C – 30°C
Date of Manufacture: June 1, 2015
Retest Date: May 31, 2020

Test	Specification	Result
Appearance	Dark blue powder	Conforms
Dye Content	≥ 60%	94.2%
Identification	To match standard	Conforms
Absorbance (λ_{max})	600 – 620nm	602nm
Moisture (LOD)	≤ 6.0%	0.24%
Heavy Metals	≤ 10ppm	< 3ppm
Iron	≤ 100ppm	65ppm

Approved by:

Date: February 15, 2019

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojirafc.com