

# Specification

30.07.2018

Code No. 06170

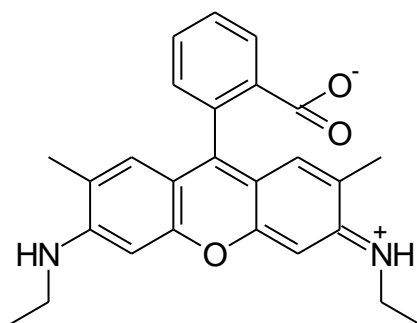
**Rhodamine 575**

CAS No. 25152-49-2

EEC No. 246-666-8

Chemical Name **3,6-Bis(ethylamino)-9-(2-carboxyphenyl)-2,7-dimethyl-3H-xanthylium betaine**  
Rhodamine 19

## Structure

Molecular Formula  $C_{26}H_{26}N_2O_3$ 

Molecular Weight 414.51

## Product Properties

|                                   |                              |
|-----------------------------------|------------------------------|
| Appearance                        | coral-red crystalline powder |
| Assay (Area%)                     | ≥ 98.0 (HPLC)                |
| Absorption max (MeOH; nm)         | 518 ± 2 (UV-VIS)             |
| Absorption coefficient (l/mol·cm) | 99000 ± 5000 (UV-VIS)        |

Storage cool, dry, dark, tightly closed

Application laser and scintillation dye