**Code No. 17570**  
**Rhodamine 110**

**CAS No. 13558-31-1**  
**EEC No. 236-944-7**

**Chemical Name**  
9-(2-Carboxyphenyl)-3,6-diamino-3H-xanthylium chloride  
Rhodamine hydrochloride, Rhodamine 560

**Structure**

![Chemical Structure Image]

**Molecular Formula**  
$\text{C}_{20}\text{H}_{15}\text{N}_{2}\text{O}_{3}\cdot\text{Cl}$

**Molecular Weight**  
366.80

**Product Properties**

- **Appearance**: Red to redbrown crystals
- **Absorption max (nm)**: $509 \pm 2 \text{ (EtOH/HCl)}$
- **Extinction coeff. (l/mol·cm)**: $\geq 90000$
- **Assay (Area-%)**: $\geq 97.0$

**Storage**  
Cool, dry, dark, tightly closed

**Application**  
Laser and scintillation dye

Changes in comparison to previous issue: Product properties