

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 42054

**Product** **Rose Bengal lactone**

**CAS Number** 4159-77-7

**Molecular Formula** C<sub>20</sub>H<sub>4</sub>Cl<sub>4</sub>I<sub>4</sub>O<sub>5</sub>

**Molecular Weight** 973.67

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**Appearance** Light red or red and pink powder

**Melting Point** 280 °C (dec.) (Lit.)

**Infrared Spectrum** Conforms to structure

**Assay by titration** 94 - 101%

**Purity by HPLC** ≥ 94%

**Grade** suitable for Hematology & Histology

**Storage** Store at RT

**Additional Information**  $\epsilon$  (extinction coefficient) =  $\geq 10000$  ( $\lambda = 317-323$  nm),  $\lambda_{\max} = 557$  nm

**For Laboratory Use Only**