

## Certificate of Analysis

<b>PRODUCT:</b>	<b>CPRG</b> Chlorophenol red β-D-galactopyranoside <b>C<sub>25</sub>H<sub>22</sub>Cl<sub>2</sub>O<sub>10</sub>S, M.W. 585.41, CAS# [99792-79-7]</b>
<b>PRODUCT NUMBER:</b>	C-2381
<b>LOT NUMBER:</b>	H1269
<b>APPEARANCE:</b>	Orange to deep red crystals.
<b>IDENTIFICATION (IR):</b>	Conforms
<b>SOLUBILITY:</b>	Soluble in water (20 mg/mL). Clear deep orange solution.
<b>PURITY (HPLC):</b>	96.4%
<b>DESCRIPTION:</b>	Chlorophenol Red-β-D-galactopyranoside, a substrate of β-Galactosidase, measures β-galactosidase expression levels in cell extracts and ELISA. LacZ gene is a popular reporter gene in transfection reactions because its product, β-galactosidase is very stable.
<b>STORAGE &amp; HANDLING:</b>	Store desiccated at -20°C. <b>Protect from moisture &amp; light.</b> CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KS