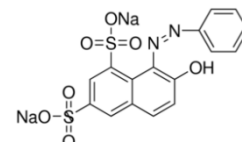


## ORANGE G FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	<b>970200</b>
<b>SYNONYMS</b>	<b>Acid Orange 10; 7-Hydroxy-8-phenylazo-1,3-naphthalene disulphonic acid disodium salt</b>
<b>C.I. NO.</b>	<b>16230</b>
<b>CASR NO.</b>	<b>1936-15-8</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>O<sub>7</sub>S<sub>2</sub>Na<sub>2</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>452.37</b>
<b>PROPERTIES</b>	<b>Store below 30<sup>o</sup>C</b>



<b>PARAMETER</b>	<b>LIMIT</b>
Description	Orange to red powder.
Solubility	20 ppm in water yields clear orange to red-orange solution.
Absorption Maximum (20 ppm in water)	477 - 485 nm
Molar absorptivity (c = 20 ppm in water, at 477 - 485 nm )	>=440

### MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 110°C, 1hr)	10%
DNase, RNase	None detected

**Note(s): Assay (if applicable) method mentioned.**

### WARNING

**Hazard statements:** Not hazardous. No hazards.

**Precautionary statements**

**Prevention:** -----

**Response:** -----

**Disposal:**-----

IMDG Code : --  
UN No. : --  
IATA : --

**Hazard Pictogram(s) :**-----