



## CRESOL RED INDICATOR AR

<b>PRODUCT CODE</b>	<b>R01145</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(1733-12-6)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>21</sub>H<sub>16</sub>O<sub>5</sub>S</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>382.44</b>
<b>PROPERTIES</b>	<b>O-cresol-sulphonphthalein, an acid -base indicator.</b>

<b>PARAMETER</b>	<b>LIMIT</b>
pH Transition Range	pH 0.5 - 2.5 Pink - Brownish yellow pH 6.5 - 8.5 Yellow - Purple
Absorption maximum	
1 (pH 0.5)	517 - 520 nm
2 (pH 2.5)	432 - 436 nm
3 (pH 6.5)	432 - 436 nm
4 (pH 8.5)	571 - 574 nm
Absorptivity(A1% / 1 cm at	
1 max (pH 0.5);	1180 - 1230
2 max (pH 2.5);	490 - 540
3 max (pH 6.5);	490 - 540
4 max (pH 8.5);	1000 - 1050
on dried substance)	

### MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	5.0%
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**Note(s) : Assay (if applicable) method mentioned.**

#### WARNING

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

**Precautionary statements**

**Prevention:** ----

**Response:** ----

IMDG Code :UN No.

:IATA :

**Disposal:** -----

Hazard Pictogram(s) :-



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