

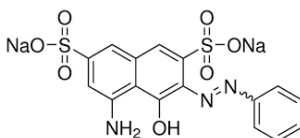
## Certificate of Analysis.

### Acid red 33.

Product code:	<b>BS13881.</b>
Description:	<b>Acid red 33.</b>
Chemical Name:	<b>5-Amino-4-hydroxy-3-phenylazo-2,7-naphthalenedisulfonic Acid disodium Salt.</b>
Pack:	<b>25 gm.</b>
CAS No.:	<b>3567-66-6.</b>
Mol. Formula:	<b>C<sub>16</sub>H<sub>11</sub>N<sub>3</sub>Na<sub>2</sub>O<sub>7</sub>S<sub>2</sub>.</b>
Mol. Weight:	<b>467.38 g/mol.</b>
MDL Number:	<b>MFCD00071877.</b>
Boiling point:	<b>717.34°C.</b>
Density:	<b>0.488 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in ethanol.</b>
Storage:	<b>Store at 2-8°C Refrigerator.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Characteristics	Specification	Result
Appearance:	Red colour Solid.	<b>Lot specific.</b>
Heavy metals:		
Lead:	<2 ppm.	<b>Lot specific.</b>
Arsenic:	<1 ppm.	<b>Lot specific.</b>
Mercury:	<1 ppm.	<b>Lot specific.</b>
Volatile(@135°C)plus chlorides & sulphates as sodium salts:	Max.5.5%.	<b>Lot specific.</b>
Water insoluble:	Max.0.2%.	<b>Lot specific.</b>
Pure color:	85.0%-96.0% D.C	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




**Dr. K. Deepti.**  
Technical Head.

