### Product Information

**Product Code:** GRM263  
**Product Name:** Trypan blue, Certified  
**Synonym:** Direct blue 14  
**Molecular Formula:** $C_{34}H_{24}N_6Na_4O_{14}S_4$  
**Molecular Weight:** 960.81  
**CAS No.:** 72-57-1  
**EC No.:** 200-786-7  
**HS Code:** 3212 90 00  
**Colour Index No.:** 23850  
**Shelf Life:** 4 years

### Technical Specification

- **Appearance:** Green to blue to brown to black crystals or powder  
- **Solubility:** 20 ppm solution in water yields dark blue clear solution  
- **FTIR (KBr disc):** Matches with the standard pattern  
- **Absorption maxima (20 ppm in water):** 583 - 593 nm  
- **Dye content:** ~60.0%

### GHS Safety Information

- **Hazard Statement(s):** H350  
- **Precautionary Statement(s):** P201-P308+P313  
- **Signal Word:** Danger  
- **Hazard Pictogram(s):**

### Risk and Safety Information

- **R-Phrase(s):** 45  
- **S-Phrase(s):** 53-45  
- **WGK:** 3  
- **RTECS:** QJ6475000  
- **Storage Temperature(°C):** Store below 30°C  
- **Transport Symbol(s):**

### Transport Information

A-406, Bhaveshwar Plaza, LBS Marg, Mumbai-400 086, India. Phone:+91-022-4095 1919 Fax:+91-022-4095 1920 Gram: STERILITY.  
email:info@himedialabs.com. Visit us at our website: www.himedialabs.com

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<tr>
<th><strong>Product Information</strong></th>
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<tbody>
<tr>
<td>Marine Pollutant</td>
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<tr>
<td>ADR/RID</td>
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<td>IMDG</td>
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<td>IATA</td>
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