

## Technical data sheet



Product name: **Phenol red**

Grade: **ACS**

Chemical formula:  $C_{19}H_{14}O_5S$

Molar mass: 354.4 g/mol

**Synonyms:** phenolsulfonphthalein

| General information        |                             |
|----------------------------|-----------------------------|
| Cas- No.                   | 143-74-8                    |
| Ec-No.                     | 205-609-7                   |
| Appearance                 | red solid                   |
| Melting point              | >300 °C                     |
| Bulk density               | 200 - 300 kg/m <sup>3</sup> |
| pH value                   | N/A                         |
| Spec.density               | N/A                         |
| Vapour pressure            | N/A                         |
| Solub. In H <sub>2</sub> O | 0.77 g/l (20°C)             |
| Storage temp               | +5°C to +30°C               |
| R:                         | N/A                         |
| S:                         | N/A                         |

| Specification                           |                                               |
|-----------------------------------------|-----------------------------------------------|
| Identity (UV/VIS)                       | conforms                                      |
| Clarity of solution<br>(1 g/l; ethanol) | conforms                                      |
| 1st transition range                    | pH 1.2 - pH 3.0 brownish<br>orange - yellow   |
| 2nd transition range                    | pH 6.5 - pH 8.0<br>brownish yellow-red violet |
| Loss on drying (110°C)                  | ≤ 1                                           |
|                                         |                                               |
|                                         |                                               |
|                                         |                                               |

**Symbol:**



**packaging:**

| Available Pack | 10 gr | 25 gr | 50 gr | 100 gr | 250 gr |
|----------------|-------|-------|-------|--------|--------|
| P.E            | -     | -     | -     | -      | -      |
| GLASS          | *     | *     | -     | -      | -      |



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