Type in Product Names, Product Numbers, or CAS Numbers to see suggestions.

# Specification Sheet

| | |
|---|---|
| **Product Name** | Phenol BioXtra, ≥99.5% (GC) |
| **Product Number** | P5566 |
| **Product Brand** | SIAL |
| **CAS Number** | 108-95-2 |
| **Molecular Weight** | 94.11 |

| TEST | SPECIFICATION |
|---|---|
| **STABILIZER** | STABILIZED WITH ~ 0.15 % H3PO2 |
| **APPEARANCE (COLOR)** | White |
| **APPEARANCE (FORM)** | Powder or Crystals or Flakes |
| **PURITY (GC AREA %)** | ≥ 99.5 % |
| **SOLUBILITY (COLOR)** | Colorless |
| **SOLUBILITY (TURBIDITY)** | Clear |
| **SOLUBILITY (METHOD)** | 0.5M IN WATER AT 20C |

| TEST | SPECIFICATION |
|---|---|
| **RESIDUE ON IGNITION** | ≤ 0.05 % |
| **INFRARED SPECTRUM** | CONFORMS TO STRUCTURE |
| **ALUMINIUM (ICP)** | ≤ 5 mg/kg |
| **BARIUM (ICP)** | ≤ 5 mg/kg |
| **BISMUTH (ICP)** | ≤ 5 mg/kg |
| **CALCIUM (ICP)** | ≤ 10 mg/kg |
| **CADMIUM (ICP)** | ≤ 5 mg/kg |
| **COBALT (ICP)** | ≤ 5 mg/kg |
| **CHROMIUM (ICP)** | ≤ 5 mg/kg |
| **COPPER (ICP)** | ≤ 5 mg/kg |
| **IRON (ICP)** | ≤ 5 mg/kg |
| **POTASSIUM (ICP)** | ≤ 50 mg/kg |
| **LITHIUM (ICP)** | ≤ 5 mg/kg |
| **MAGNESIUM (ICP)** | ≤ 5 mg/kg |
| **MANGANESE (ICP)** | ≤ 5 mg/kg |
| **MOLYBDENUM (ICP)** | ≤ 5 mg/kg |
| **SODIUM (ICP)** | ≤ 50 mg/kg |

| TEST | SPECIFICATION |
|---|---|
| **NICKEL (ICP)** | ≤ 5 mg/kg |
| **LEAD (ICP)** | ≤ 5 mg/kg |
| **STRONTIUM (ICP)** | ≤ 5 mg/kg |
| **ZINC (ICP)** | ≤ 5 mg/kg |
| **RECOMMENDED RETEST PERIOD** | 24 MONTHS |

**© 2026 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved, including Text and Data Mining for AI training and similar technologies.**

Reproduction of any materials from the site is strictly forbidden without permission.

**Site Use Terms** | **Privacy Policy** | **General Terms and Conditions of Sale** | **Copyright Consent** | **Site Map** | **Cookie Settings**