

Specification

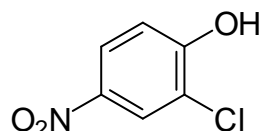
Code No. 42871

CAS No. 619-08-9

EEC No. 210-578-8

Chemical Name **2-Chloro-4-nitrophenol**

Structure

Molecular Formula **C₆H₄ClNO₃**Molecular Weight **173,56****Product Properties**

| | |
|--------------------------------|---|
| Appearance | White to slightly beige crystals with some lumps* |
| Assay (%) | ≥ 99,8 (GC) |
| Assay (%) | ≥ 98,0 (TBAH) |
| IR spectroscopy | confirms |
| Melting point (°C) | 108 - 112 (DSC) |
| Sulphated ash (%) | ≤ 0,1 |
| Loss on drying (%) | ≤ 0,8 |
| 4-Nitrophenol (%) | ≤ 0,1 (GC) |
| 2,6-Dichloro-4-nitrophenol (%) | ≤ 0,1 (GC) |

* forms lumps when stored (max 2 cm)

Storage **Cool, dry, tightly closed**Application **Intermediate in organic syntheses; Pesticide**