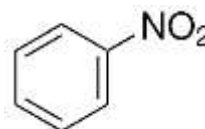


## Product Specification

Product Name:

**Nitrobenzene PurTech Standard for GC [Includes all characterization data]**

Product No.: PSI241  
Brand: PureSynth  
CAS No.: 98-95-3  
Molecular Formula: C<sub>6</sub>H<sub>5</sub>NO<sub>2</sub>  
Molecular Weight: 123.11 g/mol



| Test                        | Specification                 |
|-----------------------------|-------------------------------|
| Appearance                  | Light yellow to yellow liquid |
| Assay (By GC)               | ≥ 99.5 %                      |
| Water (By KF)               | NMT 0.2 %                     |
| Density                     | 1.18-1.22 g/cm <sup>3</sup>   |
| Potency                     | -                             |
| <sup>1</sup> H NMR Spectrum | Conforms to structure         |
| Mass Spectrum               | Conforms to molecular mass    |
| IR Spectrum                 | Conforms to structure         |

**\*Traceable to Internal Reference Standard**

Specification: PT-1.0-QA/38

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