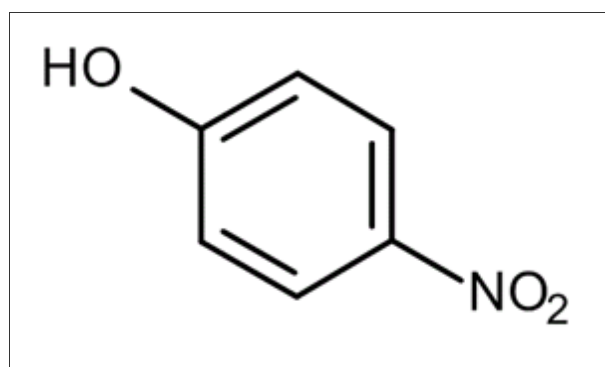


p-NITROPHENOL INDICATOR AR

4-Nitrophenol

Article No.	05010	Grade	AR
Purity		CAS No.	100-02-7
Molecular Formula	C ₆ H ₅ NO ₃	Molecular Weight	139.11
H.S. Code	2908.9990	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	Slight Yellow
Odour	Odorless	pH value	4.4
Melting point/ Freezing point [°C]	112 °C	Auto-ignition temperature [°C]	283 °C
Flash point [°C]	169 °C	Boiling point [°C]	279 °C
Evaporation rate	<1	Vapour pressure mm/Hg	0.6 mmHg 120 °C
Density [g/cm ³]	1.27	Solubility in water [% weight]	Slightly soluble in cold water
Partition coefficient Log Pow octanol / water at 20°C	1.91		

Specifications

Appearance	Yellow to brown crystalline powder or crystals and/or chunks
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Packings

pH 5.4 - 7.5	Colourless to yellow
Melting range	110 - 115°C
Absorption maxima (buffer pH 5.4)	316 - 320 nm
Absorption maxima (buffer pH 7.5)	398 - 402 nm

25 g	00025
100 g	00100
500 g	00500

Safety Information

Symbol: GHS07, GHS08
Signal Word: Warning
UN No.: 1663
IMCO Class No.: 6.1
Packing Group: III
Hazardous Statement: H302-H312-H332-H373
Precaution Statement: P260-P280-P301+P312-P302+P352-P304+P340

Hazard Symbols



Revision Date : 30-Apr-2024

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