

Nitrobenzene

Industrial grade nitrobenzene for chemical manufacturing

Product Description

High purity nitrobenzene used as an intermediate in the production of aniline and other chemical compounds.

Certificate of Analysis

HSN Code: 2904.20

CAS Number: 98-95-3

Classification: Hazardous

Parameter	Specification	Test Method
Appearance	Pale yellow to brownish oily liquid with characteristic odor	Visual
Assay (as Nitrobenzene)	"e 98.0 %	GC / Titration
Specific Gravity (at 25°C)	1.19 - 1.21	Pycnometer
Free Aniline Content	"d 0.10 %	Titration / GC
Moisture Content	"d 0.20 %	Karl Fischer
Boiling Point	205 - 210°C	ASTM D86
pH (10% solution in ethanol)	6.0 - 7.0	pH meter
Purity (GC)	"e 98.0 %	Gas Chromatography

Physical Properties

Appearance: Pale yellow to brownish oily liquid with characteristic odor

Solubility: Insoluble in water, miscible with organic solvents

Packing: 200 kg HDPE drums, 220 kg MS drums, 1000 kg IBC tanks, Bulk tankers (for industrial delivery)

Storage: Store in a cool, dry, and well-ventilated area. Keep away from heat, open flame, and direct sunlight. Avoid contact with oxidizing agents.

Safety & Handling

PPE: Protective gloves, goggles, adequate ventilation/respirator

Hazards:

- Acute toxicity
- Skin irritation
- Eye irritation
- Environmental hazard