



36823

**Benzene for HPLC & UV Spectroscopy, 99.8%**

Part A

CAS : 71-43-2

Molecular Formula : C6H6

Molecular Weight : 78.11

Specifications

|                                         |               |
|-----------------------------------------|---------------|
| Appearance (Clarity)                    | Clear         |
| Appearance (Colour)                     | Colourless    |
| Appearance (Form)                       | Liquid        |
| Colour (APHA)                           | max. 10       |
| Assay (GC)                              | min. 99.8%    |
| Density (g/ml) @ 20°C                   | 0.878 - 0.879 |
| Refractive Index (20°C)                 | 1.499 - 1.501 |
| Boiling Range                           | 80 - 81°C     |
| Freezing Point                          | 5°C           |
| Non Volatile Matter                     | max. 0.0005%  |
| Acidity (HCl)                           | max. 0.001%   |
| Thiophene (C4H4S)                       | max. 0.0005%  |
| Water (KF)                              | max. 0.02%    |
| %T (Transmission) in a 1cm cell v/s H2O |               |
| @280nm                                  | ?20           |
| @285nm                                  | ?50           |
| @290nm                                  | ?80           |
| @300nm                                  | ?85           |
| @310nm                                  | ?90           |
| @320nm                                  | ?95           |
| @330nm                                  | ?98           |
| @340-400nm                              | ?99           |

General Information

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Storage             | 25 to 40°C (Room Temperature)                     |
| Shelf Life          | 60 Months                                         |
| IMDG Identification | UN No.:1114 , IMCO Class No.:3 , Packing Group:II |
| HSN Code            |                                                   |
| 1000 ml             | 29022000 (GST 18%)                                |
| 500 ml              | 29022000 (GST 18%)                                |

| Type of Packing |
|-----------------|
| 1000 ml         |
| Glass Bottle    |

| Available Packages |
|--------------------|
| 500 ml             |
| 1000 ml            |

Disclaimer

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