

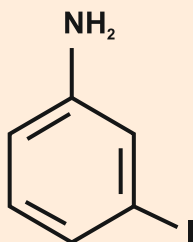


# Sarex Overseas (A division of Saraf Chemicals Pvt. Ltd.)

Corporate Office: 501, Waterford, C Wing, C. D. Barfiwala Marg, Juhu Lane, Andheri (W), Mumbai - 400 058, India.  
Phone: +91(22) 6128 5566 / 4218 4218, Fax: +91(22) 4218 4350.  
Web: [www.sarex.com](http://www.sarex.com) • Email: [fchem@sarex.com](mailto:fchem@sarex.com)

## 3-IODOANILINE

### 1. STRUCTURE



### 2. PRODUCT NAME & DETAILS

#### 3-Iodoaniline

Product Code	: 001588
CAS No.	: 626-01-7
HS Code	: 2921.41.90
Molecular formula	: C <sub>6</sub> H <sub>6</sub> IN
Molecular weight	: 219.020

### 3. SPECIFICATION

Physical Appearance	: Yellow to Dark Brown or Green Liquid
Refractive Index	: 1.6810 - 1.683
Moisture Content (KF)	: NMT 0.5%
Identify by FTIR	: Comparable with Std.
Single Unknown Impurity	: NMT 0.60%
Rel. Subst. (HPLC) - 4-Iodoaniline	: NMT 0.1%
Rel. Subst. (HPLC) - 2-Iodoaniline	: NMT 0.1%
Rel.subst. (HPLC) - Aniline	: NMT 0.1%
Chromatographic Purity by HPLC	: NLT 98.0%
Assay (GLC)	: NLT 98.0%

### 4. APPLICATION

- It is used to manufacture fine chemicals.
- 3-Iodoaniline is used as Anilines, Aromatic Amines and Nitro Compounds.
- **3-Iodoaniline can be used in the synthesis of:**
  - 3-pyridin-4-ylaniline : it is a reactant use as anti diabetic agents.
  - 3-(2-trimethylsilylethynyl)aniline
  - 1-iodo-3-isothiocyanatobenzene : used for the synthesis of radiopharmaceutical compounds.
  - 2-(3-iodophenyl)-4,4,5,5-tetramethyl-1,3,2-dioxaborolane
  - Tert-butyl N-(3-iodophenyl)carbamate.

#### Disclaimer

Typical properties should not be considered as specification.  
Product covered by valid patents are not offered or supplied for commercial use. The Patent position should be verified by the customer.  
Products will not be supplied to countries where they could be in conflict with existing patents.  
Products currently covered by valid US patents are offered for R&D use in accordance with 35 USC 271 (e) (I)  
Above information is given in good faith and without warranty.



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## 3-IODOANILINE

**5. HAZARD CLASSIFICATION** : Non-Hazardous Substance.



**Irritant**

**6. CAPACITY** : 2 MT Per Month.

**7. STORAGE CONDITION** : Store in closed container at ambient temperature. Avoid direct sunlight.

**8. PACKING DEATILS** : Steel Drum 210 ltr narrow mouth  
Net Wt. 200 kg  
On One Pallet : 4 Drum X 200 kg = 1000 kg (Or As per customer requirement)

**9. SHELF LIFE** : 1 year.

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