

Diphenylamine, Hi-ARTM/ACS

GRM520

Product Identifier

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|-------------------|---|--|
| CAS No. | : | 122-39-4 |
| EC No. | : | 204-539-4 |
| EC Index No | : | 612-026-00-5 |
| Molecular Formula | : | (C ₆ H ₅) ₂ NH |
| Molecular Weight | : | 169.22 |
| Synonym | : | N-Phenylaniline |
| HS Code | : | 2921 44 10 |
| Storage | : | Below 30°C |
| Shelf life | : | 4 years |

Technical Specification

| | | |
|----------------------------|---|---|
| Appearance | : | White to yellow to brownish crystals or powder or flakes or chunks or solid, darkening on exposure to light |
| Solubility | : | 33.3 mg soluble in 1 mL of alcohol |
| FTIR | : | Matches with the standard pattern |
| Melting range | : | 50 - 55°C |
| Nitrate (NO ₃) | : | Passes test |
| Sensitivity to nitrate | : | Passes test |
| Residue on ignition | : | <= 0.03% |
| Assay (GC) | : | min. 98.00% |

Safety Information

| | | |
|----------------------------|---|--|
| Hazard Pictogram(s) | : |  |
| Signal Word | : | Danger |
| Hazard Statement(s) | : | H301+H311+H331- H373- H410 |
| Precautionary Statement(s) | : | P260- P273- P280- P301 + P310- P311- P501 |
| UN No. | : | 3077 |
| Class | : | 9 |
| Packing Group | : | III |
| RTECS | : | JJ7800000 |
| WGK | : | 3 |