

## Diphenylamine, For Molecular Biology

**MB338**


### Product Identifier

CAS No.	:	122-39-4
EC No.	:	204-539-4
EC Index No	:	612-026-00-5
Molecular Formula	:	(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> 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
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern
Melting range	:	50 - 55°C
Nitrate (NO <sub>3</sub> )	:	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 + 310- P311- P501
UN No.	:	3077
Class	:	9
Packing Group	:	III
RTECS	:	JJ7800000
WGK	:	3