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## **N,N,N',N'-Tetramethyl-p-phenylenediamine dihydrochloride, MB385** **For Molecular Biology**

### **Product Identifier**

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CAS No.	:	637-01-4
EC No.	:	211-274-8
Molecular Formula	:	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> .2HCl
Molecular Weight	:	237.17
Synonym	:	TMPD
HS Code	:	2921 51 90
Storage	:	Below 30°C
Shelf life	:	2 years


### **Technical Specification**

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Appearance	:	White to grey to brown crystals or powder or solid
Solubility	:	33.3 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
FTIR	:	Matches with the standard pattern
Water (K.F.)	:	<= 7.0%
Assay (AT/NT, anhydrous basis)	:	98.00 - 102.00%

### **Safety Information**

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Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P321- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1