



## Certificate of Analysis.

### Triethylamine eluent additive for LC-MS.

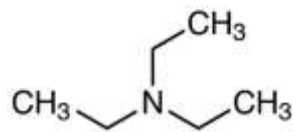
Product code:	<b>BS14331.</b>
Description:	<b>Triethylamine eluent additive for LC-MS.</b>
Chemical Name:	<b>N,N-Diethylethanamine.</b>
Pack:	<b>50 ml.</b>
CAS NO.:	<b>121-44-8.</b>
Mol. Weight:	<b>101.19 g/mol.</b>
Mol. Formula:	<b>C<sub>6</sub>H<sub>15</sub>N.</b>
MDL Number:	<b>MFCD00009051.</b>
Melting point:	<b>-115 °C.</b>
Boiling Point:	<b>89 °C.</b>
Density:	<b>0.72 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance:	Colorless clear liquid.	<b>Lot specific.</b>
Refractive index (n <sub>20/D</sub> ):	1.400 - 1.402.	<b>Lot specific.</b>
Non-volatile matter:	Max. 0.005 %.	<b>Lot specific.</b>
Water (Karl Fischer):	Max. 0.5 %.	<b>Lot specific.</b>
Aluminium (Al):	Max. 0.2 ppm.	<b>Lot specific.</b>
Barium (Ba):	Max. 0.1 ppm.	<b>Lot specific.</b>
Bismuth (Bi):	Max. 0.1 ppm.	<b>Lot specific.</b>
Calcium (Ca):	Max. 0.5 ppm.	<b>Lot specific.</b>
Cadmium (Cd):	Max. 0.05 ppm.	<b>Lot specific.</b>
Cobalt (Co)   :	Max. 0.02 ppm.	<b>Lot specific.</b>
Chromium (Cr):	Max. 0.02 ppm.	<b>Lot specific.</b>
Copper (Cu):	Max. 0.02 ppm.	<b>Lot specific.</b>
Iron (Fe):	Max. 0.1 ppm.	<b>Lot specific.</b>
Potassium (K):	Max. 0.5 ppm.	<b>Lot specific.</b>
Lithium (Li):	Max. 0.1 ppm.	<b>Lot specific.</b>
Magnesium (Mg):	Max. 0.1 ppm.	<b>Lot specific.</b>
Manganese (Mn):	Max. 0.02 ppm.	<b>Lot specific.</b>
Molybdenum (Mo):	Max. 0.02 ppm.	<b>Lot specific.</b>



Sodium (Na):	Max. 0.5 ppm.	<b>Lot specific.</b>
Nickel (Ni):	Max. 0.02 ppm.	<b>Lot specific.</b>
Lead (Pb):	Max. 0.1 ppm.	<b>Lot specific.</b>
Strontium (Sr):	Max. 0.1 ppm.	<b>Lot specific.</b>
Zinc (Zn):	Max. 0.1 ppm.	<b>Lot specific.</b>
UV- cutoff:	250.0 - 280.0 nm.	<b>Lot specific.</b>
Vapor Density:	3.5 (vs air).	<b>Lot specific.</b>
Purity by GC:	>99.8%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




**Dr. K. Deepti.**  
**Technical Head.**

