



## Certificate of Analysis.

### Propionic acid eluent additive for LC-MS.

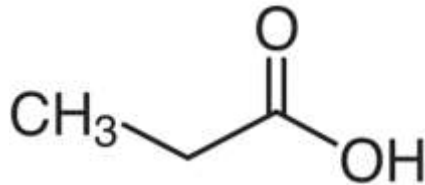
Product code:	<b>BS14334.</b>
Description:	<b>Propionic acid eluent additive for LC-MS.</b>
Chemical Name:	<b>Propanoic acid.</b>
Pack:	<b>50 ml.</b>
CAS NO.:	<b>79-09-4.</b>
Mol. Weight:	<b>74.08 g/mol.</b>
Mol. Formula:	<b>C<sub>3</sub>H<sub>6</sub>O<sub>2</sub>.</b>
MDL Number:	<b>MFCD00002756.</b>
Melting point:	<b>-20°C</b>
Boiling Point:	<b>140°C.</b>
Density:	<b>0.992 g/cm<sup>3</sup>.</b>
Solubility:	<b>Soluble in Alcohol.</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 to Almost colorless clear liquid.	<b>Lot specific.</b>
Refractive Index:	n <sub>20</sub> /D 1.386 (lit.).	<b>Lot specific.</b>
Assay (alkalimetric):	99.5 - 100.5 %.	<b>Lot specific.</b>
Water (Karl Fischer):	Max. 0.1 %.	<b>Lot specific.</b>
Aluminium (Al):	Max. 0.5 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>
Copper (Cu):	Max. 0.02 ppm.	<b>Lot specific.</b>
Cobalt (Co):	Max. 0.02 ppm.	<b>Lot specific.</b>
Chromium (Cr):	Max. 0.1 ppm.	<b>Lot specific.</b>
Iron (Fe):	Max. 0.5 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. 0.1 ppm.	<b>Lot specific.</b>
Sodium (Na):	Max. 1 ppm.	<b>Lot specific.</b>



Nickel (Ni):	Max. 0.1 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>
Suitability for the LC-MS:	Complying.	<b>Lot specific.</b>
Purity by GC:	>99.5%.	<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.**

