SYMBOLS

\( \lambda_{\text{max}} \) : Wavelength of maximum absorption
\( \varepsilon_{\text{max}} \) : Molar absorptivity
b : Slope
a : Intercept
S_b : Standard deviation on slope
S_a : Standard deviation on intercept
S_c : Standard error on estimation
r : correlation coefficient
\(^{0}\text{C} \) : Degree Centigrade
M : Molar
g : Gram
\( \mu \text{g} \) : microgram
ml : milliliter
mg : milligram
% : percentage
> : greater than
< : less than
min : minutes
hr : hours
temp : temperature
\%RSD : Percent Relative Standard Deviation
Fig : figure
Tab : Table
Cap : capsule
Inj : Injection
Syp : Syrup
Lab : Laboratory
Temp : Temperature
HPLC : High performance liquid chromatography
TLC : Thin layer chromatography
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>UV</td>
<td>Ultraviolet</td>
</tr>
<tr>
<td>MS</td>
<td>Mass Spectroscopy</td>
</tr>
<tr>
<td>IR</td>
<td>Infrared spectroscopy</td>
</tr>
<tr>
<td>VS</td>
<td>Visible spectroscopy</td>
</tr>
<tr>
<td>HPTLC</td>
<td>High performance thin layer Chromatography</td>
</tr>
<tr>
<td>TLC / MS</td>
<td>Thin layer Chromatography / Mass spectroscopy</td>
</tr>
<tr>
<td>LOD</td>
<td>Limit of Detection</td>
</tr>
<tr>
<td>K</td>
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