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Research Article Open Acces

Laha TK, Mishra G, Sen S (2012) A Validated Stability Indicating Reversed Phase High Performance Liquid Chromatographic Method of Duloxetine and Characterization of its Degradation Products through Retro-Synthesis.

Accuracy:

40%, 80% 120%

0.33 0.42%, (2).

-1,2 3 0.48 0.56%, (3),

Limit of Detection and Limit of Quanti cation

0.081 / 0.246 / 20 . 2.1%.

-1, 2 3 0.043, 0.051 0.037 / 20 . -1, 2 3 0.12, 0.18 0.13 / 20 . -1, 2 3 0.6%.

Accuracy

99.05 99.97 (4).

-1 99.99 101.1, -2 99.1 101.8 -3 100.4 101.2 (5).

Linearity

, . ., 5-200 / . =87697 + 28148 0.999. % 0.11 0.48%.

200% -1, 2 3. 0.998. 3

% 0.16 0.47%. -1, 2 3.

Robustness

I (,), .

Solution stability and mobile phase stability

% 1.2%. -1, 2 3 48

Assay of of duloxetine marketed formulation

99.95% 99.78% (6).

Conclusion

( ) , , . A 1- -3- -3-(2-) . 1- , - -3- -3-(2-