

## Supplementary Data

A simple RP-HPLC method for the stability-indicating determination of *N*-acetyl-L-cysteine and *N,N'*-diacetyl-L-cystine in cell culture media

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► **TABLE S1**

Recovery of NAC at various levels of placebo sample.

Sample Number	Level	Placebo Sample (mg/mL)	NAC Recovered (mg/mL)	% Recovery	Mean % recovery	% RSD	USP s/n	USP Tailing	USP Plate count
1	50%	0.0024647	0.002527329	102.0	102.2	0.3	61	1.06	21568
2	50%	0.0024647	0.002514656	102.0					
3	50%	0.0024647	0.002513097	102.5					
4	100%	0.0049294	0.005108857	103.6	103.6	0.0	168	1.05	21529
5	100%	0.0049294	0.005107108	103.5					
6	100%	0.0049294	0.005104303	103.6					
7	150%	0.007492688	0.007852352	104.9	104.9	0.0	280	1.05	21524
8	150%	0.007492688	0.007859268	104.9					
9	150%	0.007492688	0.007858226	104.8					

Three accuracy solutions of low (50%), medium (100%) and high (150%) of placebo sample were prepared and analyzed. The percent recovery was calculated for each concentration.