

Gradient for 2% HCOOH

Time (min)	Target % (V/V)		
	% ACN	% HCOOH	% H ₂ O
0	8	2	90
8	8	2	90
25	12.2	2	85.8
35	16.9	2	81.1
70	35.7	2	62.3
70	65	2	33
75	65	2	33
80	8	2	90
90	8	2	90

Gradient	
% Phase A (2% HCOOH in H ₂ O)	% Phase B (2% HCOOH in ACN)
91.8	8.2
91.8	8.2
87.6	12.4
82.8	17.2
63.6	36.4
33.7	66.3
33.7	66.3
91.8	8.2
91.8	8.2

Gradient for 4% HCOOH

Time (min)	Target % (V/V)		
	% ACN	% HCOOH	% H ₂ O
0	8	4	88
8	8	4	88
25	12.2	4	83.8
35	16.9	4	79.1
70	35.7	4	60.3
70	65	4	31
75	65	4	31
80	8	4	88
90	8	4	88

Gradient	
% Phase A (4% HCOOH in H ₂ O)	% Phase B (4% HCOOH in ACN)
91.7	8.3
91.7	8.3
87.3	12.7
82.4	17.6
62.8	37.2
32.3	67.7
32.3	67.7
91.7	8.3
91.7	8.3

Gradient for 5% HCOOH

Time (min)	Target % (V/V)		
	% ACN	% HCOOH	% H ₂ O
0	8	5	87
8	8	5	87
25	12.2	5	82.8
35	16.9	5	78.1
70	35.7	5	59.3
70	65	5	30
75	65	5	30
80	8	5	87
90	8	5	87

Gradient	
% Phase A (5% HCOOH in H ₂ O)	% Phase B (5% HCOOH in ACN)
91.6	8.4
91.6	8.4
87.2	12.8
82.2	17.8
62.4	37.6
31.6	68.4
31.6	68.4
91.6	8.4
91.6	8.4

Gradient for 10% HCOOH

Time (min)	Target % (V/V)		
	% ACN	% HCOOH	% H ₂ O
0	8	10	82
8	8	10	82
25	12.2	10	77.8
35	16.9	10	73.1
70	35.7	10	54.3
70	65	10	25
75	65	10	25
80	8	10	82
90	8	10	82

Gradient	
% Phase A (10% HCOOH in H ₂ O)	% Phase B (10% HCOOH in ACN)
91.1	8.9
91.1	8.9
86.4	13.6
81.2	18.8
60.3	39.7
27.8	72.2
27.8	72.2
91.1	8.9
91.1	8.9