

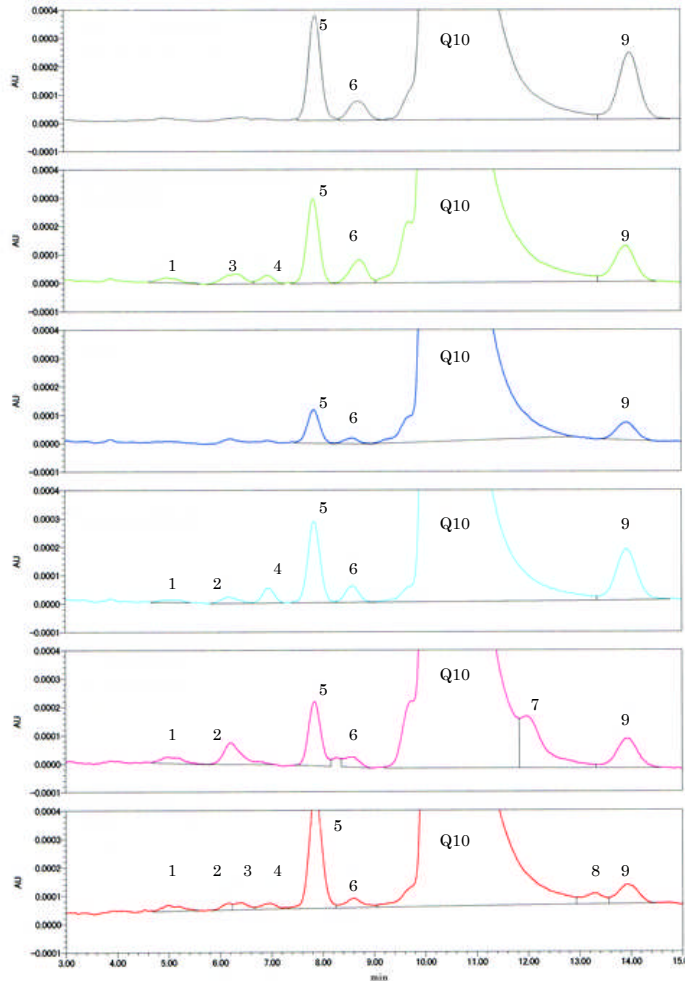
ZMC-USA



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CoQ10

Chromatographic Purity Test 1 <USP28>



ZMC Lot 050903

Fermentation A

Fermentation K

Fermentation M

Synthesis H

Synthesis N

CoQ10

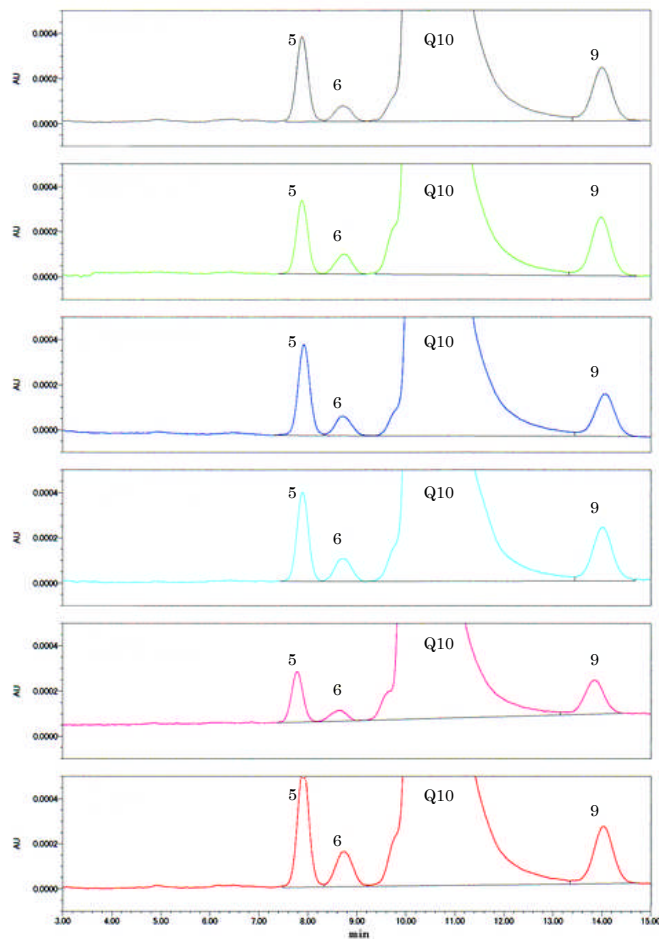
Chromatographic Purity Test 1 <USP28>

		1	2	3	4	5	6	Q10	7	8	9
ZMC:050903	natural product					0.12	0.03	99.71			0.13
A	natural product	0.01		0.02	0.01	0.11	0.04	99.73			0.08
K	natural product					0.05	0.01	99.91			0.04
M	natural product	0.01	0.01		0.02	0.12	0.03	99.69			0.13
H	synthetic product	0.01	0.04			0.08	0.02	99.66	0.13		0.06
N	synthetic product	0.01	0.01	0.01	0.01	0.16	0.02	99.72		0.02	0.04

Area%

CoQ10

Chromatographic Purity Test 1 <USP28>



ZMC Lot 050903

ZMC Lot 050916

ZMC Lot 051005

ZMC Lot 051017

ZMC Lot 051101

ZMC Lot 051106

CoQ10

Chromatographic Purity Test 1 <USP28>

		1	2	3	4	5	6	Q10	7	8	9
ZMC:050903	natural product					0.12	0.03	99.71			0.13
ZMC:050916	natural product					0.12	0.05	99.68			0.16
ZMC:051005	natural product					0.15	0.04	99.69			0.12
ZMC:051017	natural product					0.13	0.05	99.68			0.14
ZMC:051101	natural product					0.10	0.03	99.76			0.11
ZMC:051106	natural product					0.17	0.07	99.62			0.14

Area%

CoQ10

Impurity (Cis-isomer) contents

Tests methods		USP 28	EP 5th edition
		ubidecarenone (2z)-isomer and Related Impurities	Impurity F (ubidecarenone (z)-isomer)
ZMC 1	natural product	<0.1%	within the limit
ZMC 2	natural product	<0.1%	within the limit
ZMC 3	natural product	<0.1%	within the limit
ZMC 4	natural product	<0.1%	within the limit
H	synthetic product	0.2%	within the limit
N	synthetic product	0.3%	within the limit
K	natural product	<0.1%	within the limit
A	natural product	0.1%	within the limit
M	natural product	<0.1%	within the limit

Measurement: Japan Food Research Laboratories
 <0.1% means ; below measurable limits