



Cambridge Isotope Laboratories, Inc.

3 Highwood Drive, Tewksbury, MA 01876 USA  
 PH: 800.322.1174 (N. America) PH: 978-749-8000  
 Fax: 978-749-2768 WEB: www.isotope.com

ECN-5577

Mono-Octa PCN Calibration Solutions (CS1-CS5)

5x0.25 mL in nonane/isooctane

*All concentrations are in ng/mL*

Unlabeled	PCN	CS1	CS2	CS3	CS4	CS5	CS6*
2-MonoCN	2	0.2	1	5	20	100	500
1,5-DiCN	6	0.2	1	5	20	100	500
1,2,3-TriCN	13	0.2	1	5	20	100	500
1,2,3,4-TetraCN	27	0.2	1	5	20	100	500
1,2,3,5-TetraCN	28	0.2	1	5	20	100	500
1,3,5,7-TetraCN	42	0.2	1	5	20	100	500
1,4,5,8-TetraCN	46	0.2	1	5	20	100	500
2,3,6,7-TetraCN	48	0.2	1	5	20	100	500
1,2,3,4,5-PentaCN	49	0.2	1	5	20	100	500
1,2,3,4,6-PentaCN	50	0.2	1	5	20	100	500
1,2,3,5,7-PentaCN	52	0.2	1	5	20	100	500
1,2,3,5,8-PentaCN	53	0.2	1	5	20	100	500
1,2,3,4,5,8-HexaCN	65	0.2	1	5	20	100	500
1,2,3,5,6,7-HexaCN	67	0.2	1	5	20	100	500
1,2,3,5,6,8-HexaCN	68	0.2	1	5	20	100	500
1,2,3,5,7,8-HexaCN	69	0.2	1	5	20	100	500
1,2,3,6,7,8-HexaCN	70	0.2	1	5	20	100	500
1,2,4,5,7,8-HexaCN	72	0.2	1	5	20	100	500
1,2,3,4,5,6,7-HeptaCN	73	0.2	1	5	20	100	500
OctaCN	75	0.2	1	5	20	100	500
<b>Cleanup</b>							
MonoCN Isomer Mix (87% 2-MonoCN, 13% 1-MonoCN) ( <sup>13</sup> C <sub>10</sub> , 99%)	1,2	10	10	10	10	10	10
1,5-DiCN ( <sup>13</sup> C <sub>10</sub> )	6	10	10	10	10	10	10
1,2,3-TriCN ( <sup>13</sup> C <sub>10</sub> )	13	10	10	10	10	10	10
1,3,5,7-TetraCN ( <sup>13</sup> C <sub>10</sub> )	42	10	10	10	10	10	10
1,2,3,5,7-PentaCN ( <sup>13</sup> C <sub>10</sub> )	52	10	10	10	10	10	10
1,2,3,4,5,8-HexaCN ( <sup>13</sup> C <sub>10</sub> )	65	10	10	10	10	10	10
1,2,3,5,6,7-HexaCN ( <sup>13</sup> C <sub>10</sub> )	67	10	10	10	10	10	10
1,2,3,4,5,6,7-HeptaCN ( <sup>13</sup> C <sub>10</sub> )	73	10	10	10	10	10	10
OctaCN ( <sup>13</sup> C <sub>10</sub> )	75	10	10	10	10	10	10

<b>Syringe</b>	<b>PCN</b>	<b>CS1</b>	<b>CS2</b>	<b>CS3</b>	<b>CS4</b>	<b>CS5</b>	<b>CS6*</b>
2,5-DiCB ( <sup>13</sup> C <sub>12</sub> ) (PCB-9)		10	10	10	10	10	10
2,2',5,5'-TetraCB ( <sup>13</sup> C <sub>12</sub> ) (PCB-52)		10	10	10	10	10	10
2,2',4,5,5'-PentaCB ( <sup>13</sup> C <sub>12</sub> ) (PCB-101)		10	10	10	10	10	10
2,2',3,4,4',5'-HexaCB ( <sup>13</sup> C <sub>12</sub> ) (PCB-138)		10	10	10	10	10	10
2,2',3,3',4,4',5,5'-OctaCB ( <sup>13</sup> C <sub>12</sub> ) (PCB-194)		10	10	10	10	10	10
<b>Sampling</b>							
1,8-DiCN ( <sup>13</sup> C <sub>10</sub> )	9	10	10	10	10	10	10
1,2,3,4-TetraCN ( <sup>13</sup> C <sub>10</sub> )	27	10	10	10	10	10	10

\*Not included in the cal set; available for separate purchase.