



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

ES-5464-A Expanded POPs Pesticides Calibration Solutions with
Endosulfan Sulfate (CS1-CS6)

6x0.2 mL
in nonane/isooctane

All concentrations are in ng/mL

Unlabeled	CS1	CS2	CS3	CS4	CS5	CS6
Hexachlorobenzene	0.4	2	10	40	200	800
Pentachlorobenzene	0.4	2	10	40	200	800
Aldrin	0.4	2	10	40	200	800
Dieldrin	0.4	2	10	40	200	800
Endrin	0.4	2	10	40	200	800
4,4'-DDT	0.4	2	10	40	200	800
4,4'-DDE	0.4	2	10	40	200	800
4,4'-DDD	0.4	2	10	40	200	800
2,4'-DDT	0.4	2	10	40	200	800
2,4'-DDE	0.4	2	10	40	200	800
2,4'-DDD	0.4	2	10	40	200	800
<i>trans</i> -Chlordane (γ)	0.4	2	10	40	200	800
<i>cis</i> -Chlordane (α)	0.4	2	10	40	200	800
<i>trans</i> -Nonachlor	0.4	2	10	40	200	800
<i>cis</i> -Nonachlor	0.4	2	10	40	200	800
Oxychlordane	0.4	2	10	40	200	800
Heptachlor	0.4	2	10	40	200	800
<i>trans</i> -Heptachlor Epoxide	0.4	2	10	40	200	800
<i>cis</i> -Heptachlor Epoxide	0.4	2	10	40	200	800
Mirex	0.4	2	10	40	200	800
Kepone (Chlordecone)	0.4	2	10	40	200	800
α -HCH (α -BHC)	0.4	2	10	40	200	800
β -HCH (β -BHC)	0.4	2	10	40	200	800
γ -HCH (γ -BHC) (Lindane)	0.4	2	10	40	200	800
δ -HCH (δ -BHC)	0.4	2	10	40	200	800
Endosulfan I	0.4	2	10	40	200	800
Endosulfan II	0.4	2	10	40	200	800
Endosulfan Sulfate	0.4	2	10	40	200	800

Labeled	CS1	CS2	CS3	CS4	CS5	CS6
Hexachlorobenzene (¹³ C ₆ , 99%)	20	20	20	20	20	20
Pentachlorobenzene (¹³ C ₆ , 99%)	20	20	20	20	20	20
Aldrin (¹³ C ₁₂ , 99%)	20	20	20	20	20	20
Dieldrin (¹³ C ₁₂ , 99%)	20	20	20	20	20	20
Endrin (¹³ C ₁₂ , 99%)	20	20	20	20	20	20
4,4'-DDT (ring- ¹³ C ₁₂ , 99%)	20	20	20	20	20	20
4,4'-DDE (ring- ¹³ C ₁₂ , 99%)	20	20	20	20	20	20
4,4'-DDD (ring- ¹³ C ₁₂ , 99%)	20	20	20	20	20	20
2,4'-DDT (ring- ¹³ C ₁₂ , 99%)	20	20	20	20	20	20
2,4'-DDE (ring- ¹³ C ₁₂ , 99%)	20	20	20	20	20	20
2,4'-DDD (ring- ¹³ C ₁₂ , 99%)	20	20	20	20	20	20
<i>trans</i> -Chlordane (γ) (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
<i>cis</i> -Chlordane (α) (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
<i>trans</i> -Nonachlor (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
<i>cis</i> -Nonachlor (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
Oxychlordane (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
Heptachlor (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
<i>cis</i> -Heptachlor Epoxide (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
Mirex (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
Kepone (Chlordecone) (¹³ C ₁₀ , 99%)	20	20	20	20	20	20
α-HCH (α-BHC) (¹³ C ₆ , 99%)	20	20	20	20	20	20
β-HCH (β-BHC) (¹³ C ₆ , 99%)	20	20	20	20	20	20
γ-HCH (γ-BHC) (Lindane) (¹³ C ₆ , 99%)	20	20	20	20	20	20
δ-HCH (δ-BHC) (¹³ C ₆ , 99%)	20	20	20	20	20	20
Endosulfan I (¹³ C ₉ , 99%)	20	20	20	20	20	20
Endosulfan II (¹³ C ₉ , 99%)	20	20	20	20	20	20
Endosulfan Sulfate (¹³ C ₉ , 99%)	20	20	20	20	20	20
Syringe						
4,4'-DiCB (¹³ C ₁₂ , 99%) (PCB-15)	20	20	20	20	20	20
2,3',4',5-TetraCB (¹³ C ₁₂ , 99%) (PCB-70)	20	20	20	20	20	20
Sampling						
Isodrin (¹³ C ₁₂ , 99%)	20	20	20	20	20	20