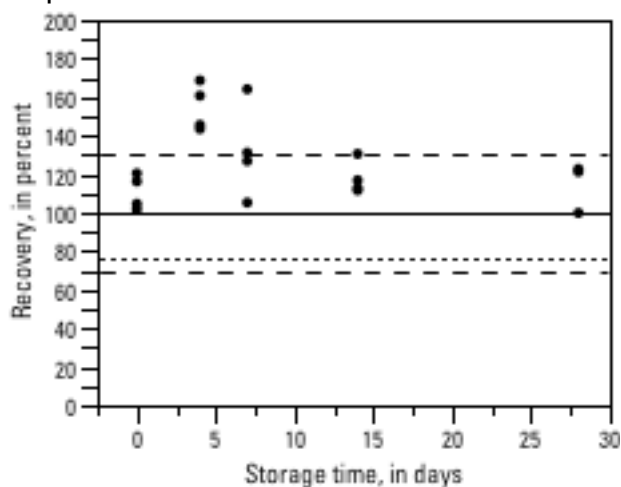


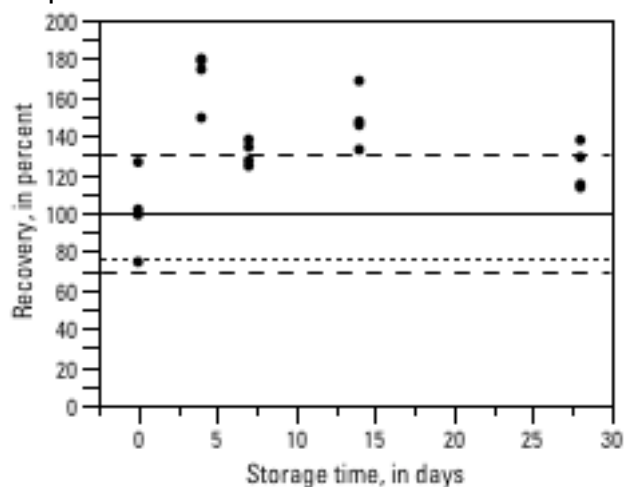
## Supporting Figure S12. Stability of Pesticides in Reagent Water—LC-MS/MS Negative ESI Analytes

Recovery of pesticides in reagent water after storage for as many as 28 days with different treatments (none, 4 °C [degrees Celsius]; none, -10 °C; citric acid pH 3.8, 4 °C; ascorbic acid, 4 °C) determined by direct aqueous-injection liquid chromatography-tandem mass spectrometry (LC-MS/MS) in negative electrospray ionization (ESI-) mode. Dashed lines show study quality control objectives of 100±30 percent recovery. Dotted line shows lower tolerable range for holding time based on standard deviation of continuing calibration verification (CCV) standards (n=28) analyzed with stability samples (ASTM, 2008).

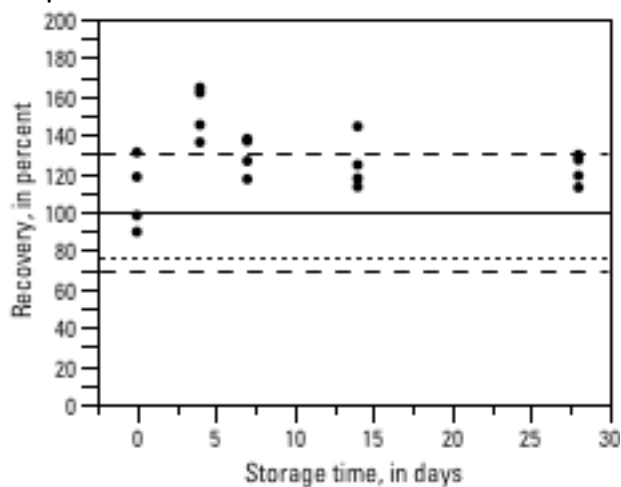
Propanil none 4°C



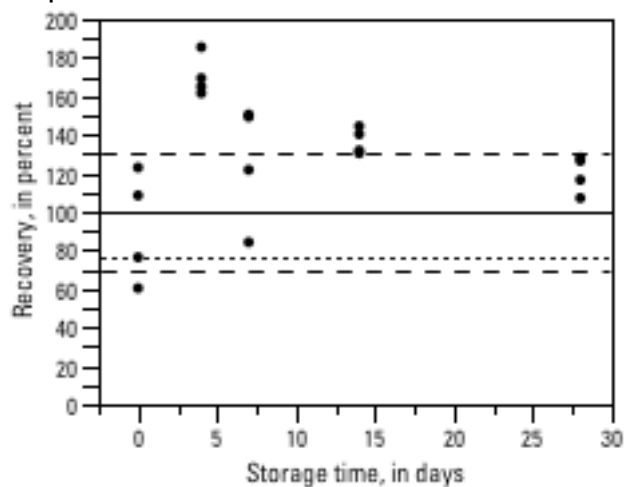
Propanil citric 4°C



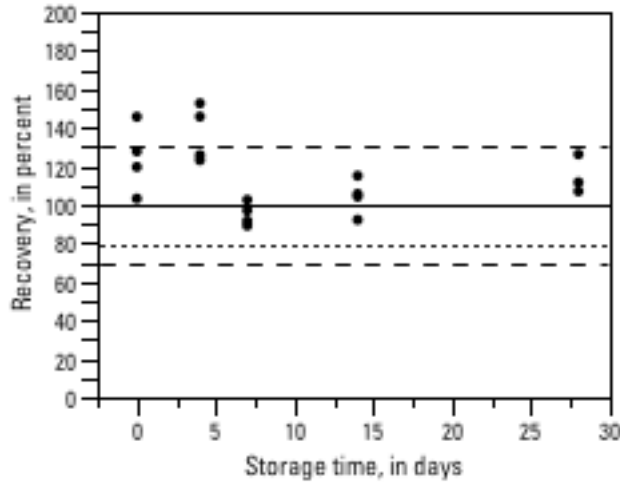
Propanil none -10°C



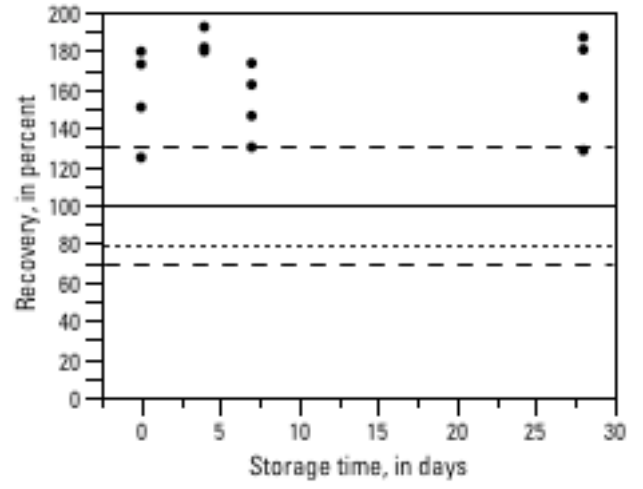
Propanil ascorbic 4°C



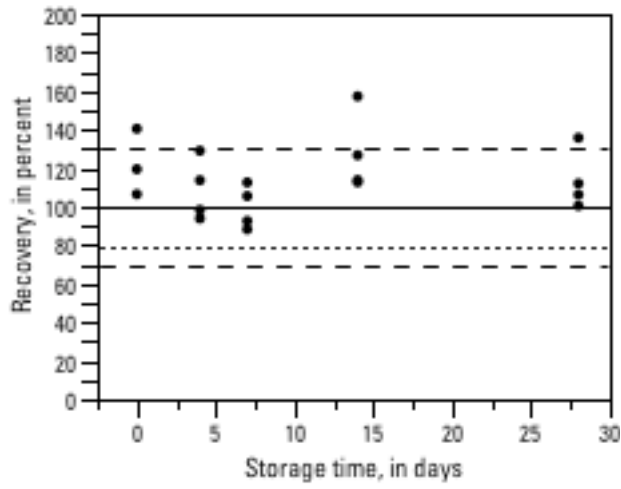
2,4-D none 4°C



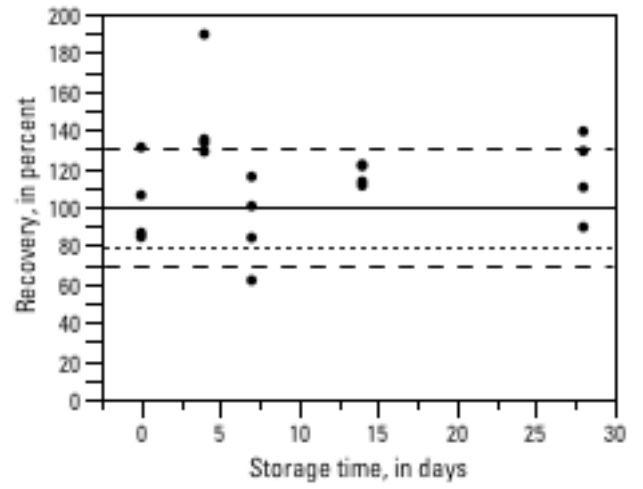
2,4-D citric 4°C



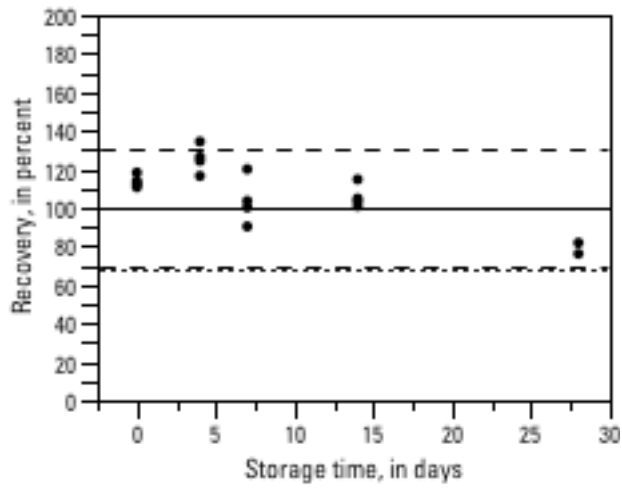
2,4-D none -10°C



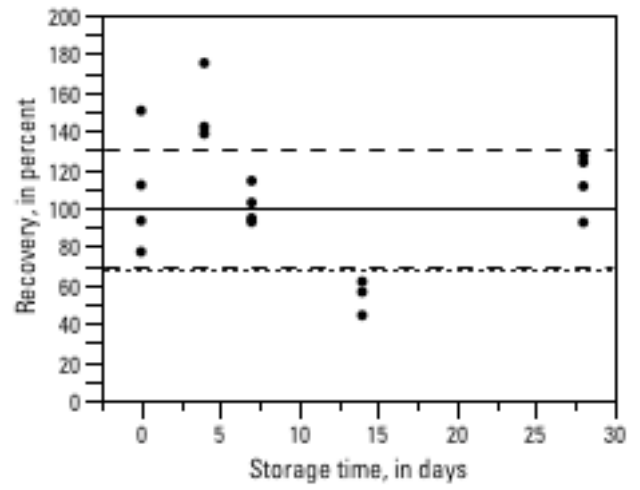
2,4-D ascorbic 4°C



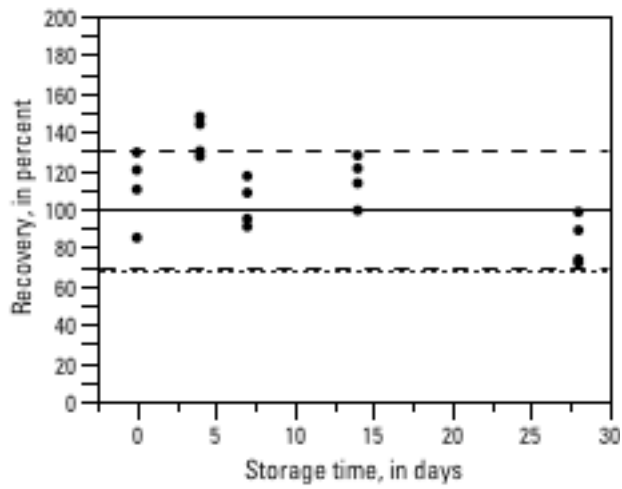
Bentazone none 4°C



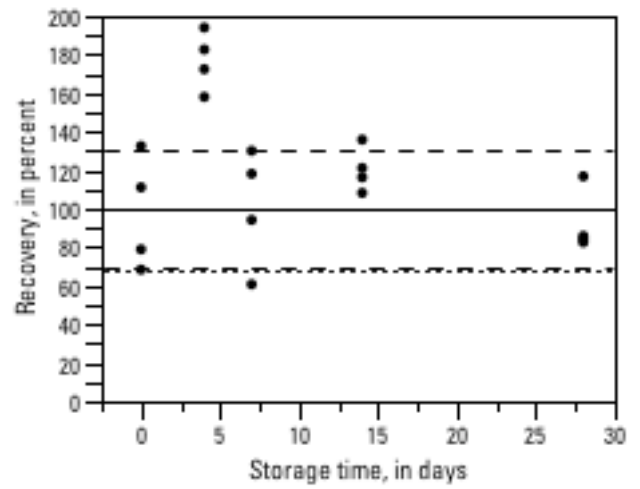
Bentazone citric 4°C



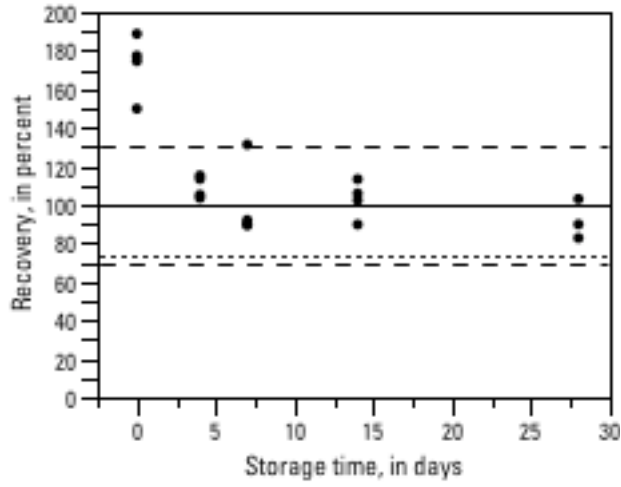
Bentazone none -10°C



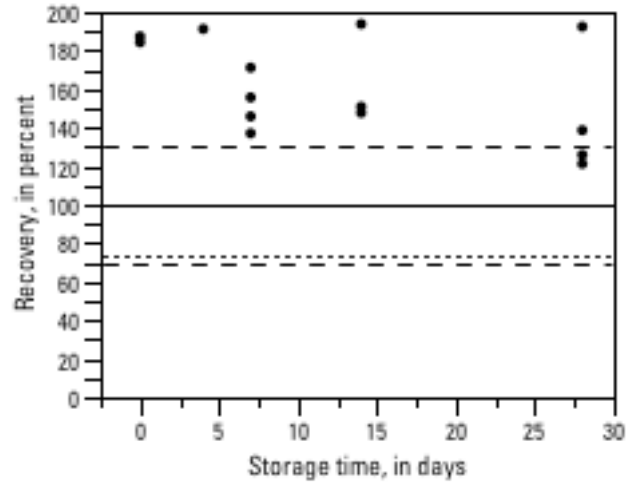
Bentazone ascorbic 4°C



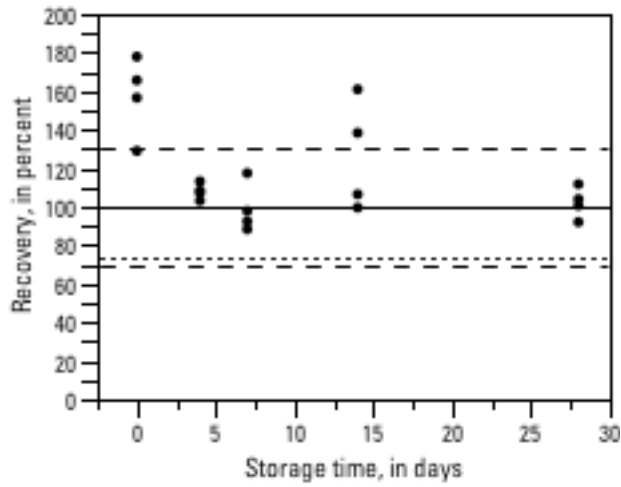
Bromoxynil none 4°C



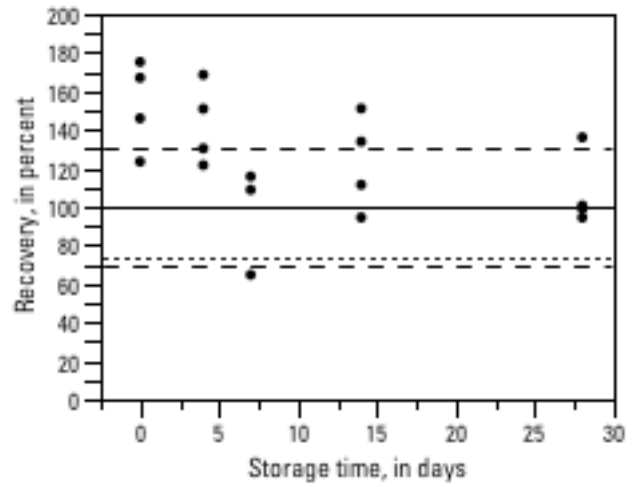
Bromoxynil citric 4°C



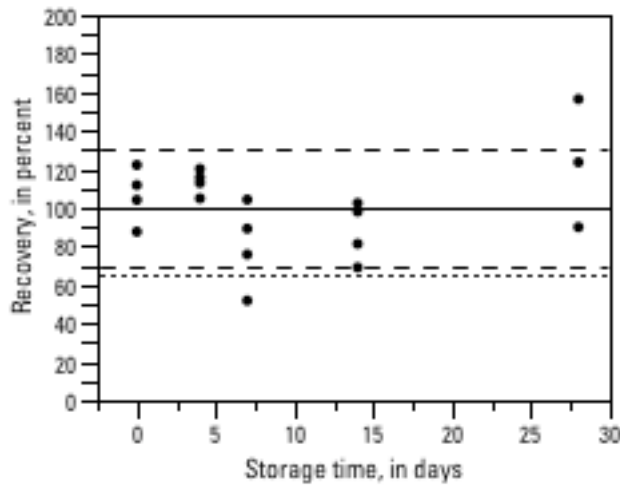
Bromoxynil none -10°C



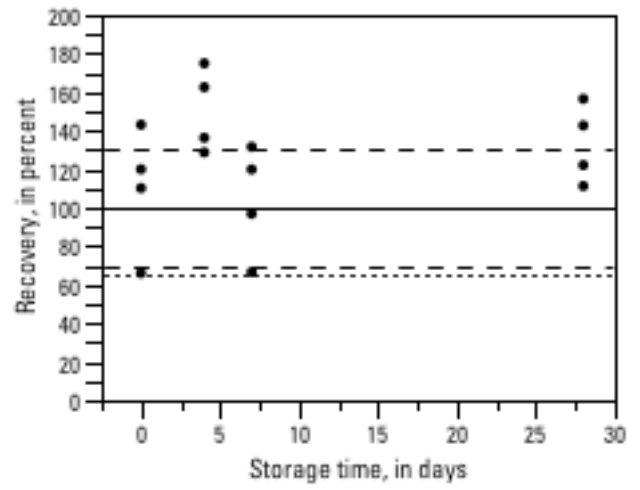
Bromoxynil ascorbic 4°C



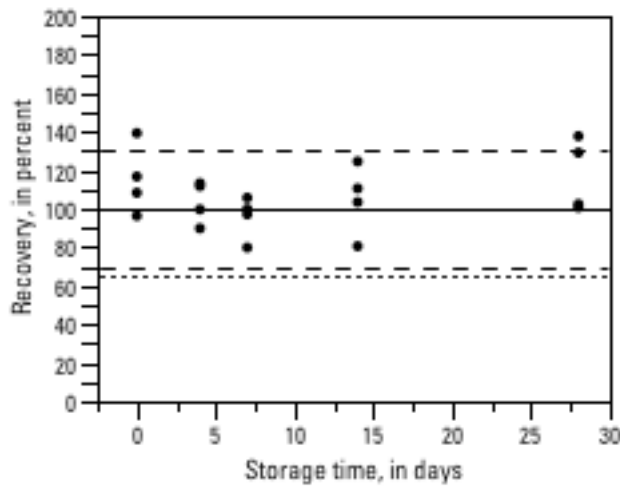
Dicamba none 4°C



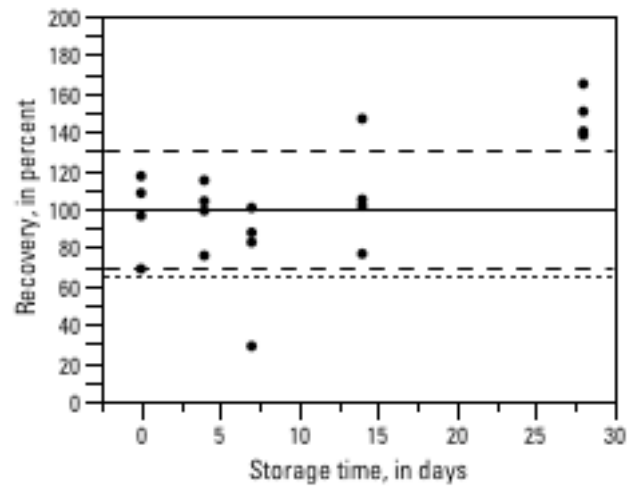
Dicamba citric 4°C



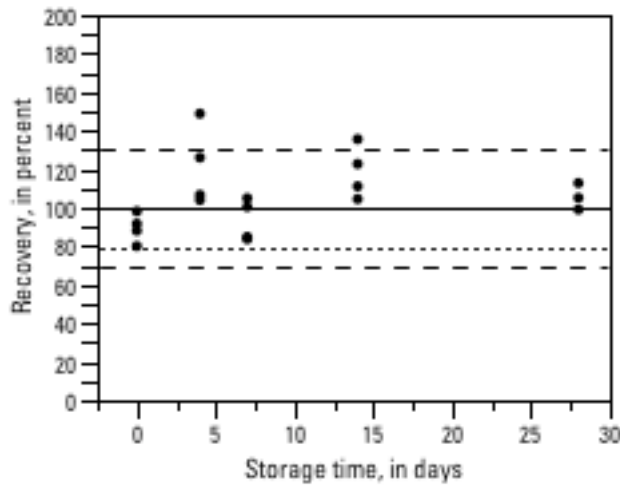
Dicamba none -10°C



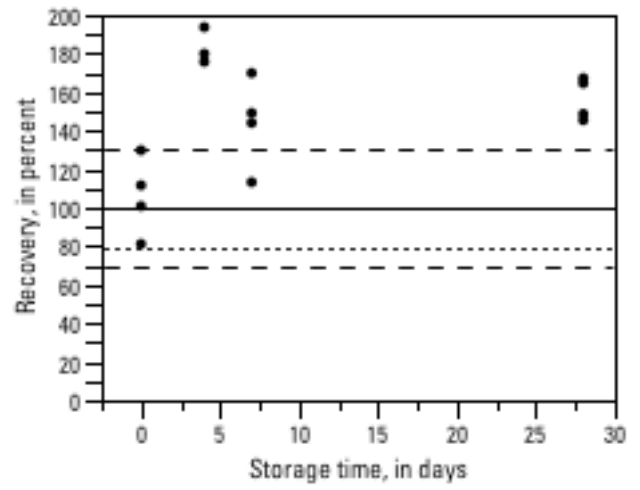
Dicamba ascorbic 4°C



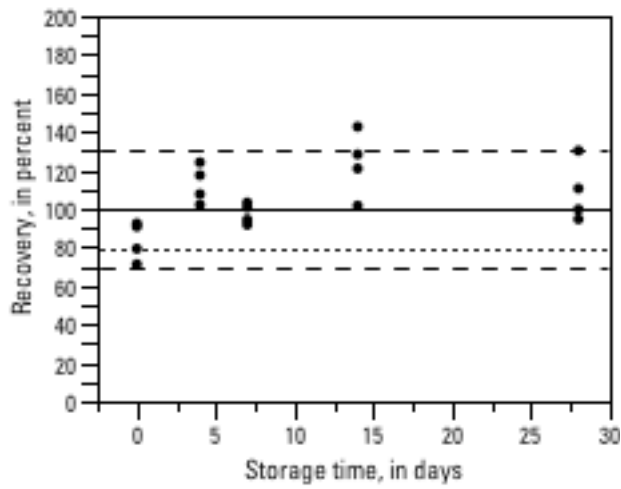
MCPA none 4°C



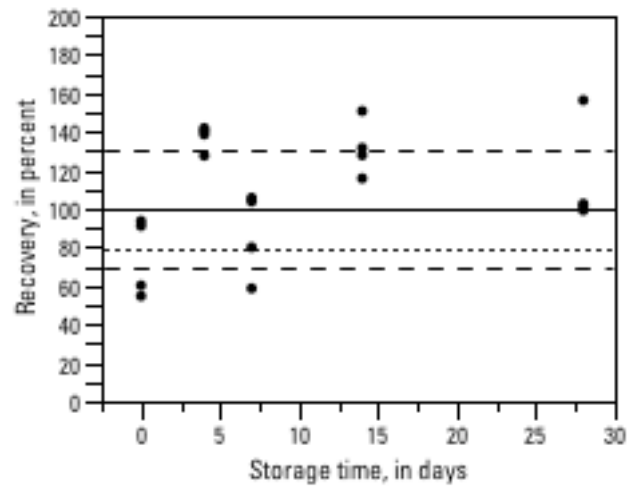
MCPA citric 4°C



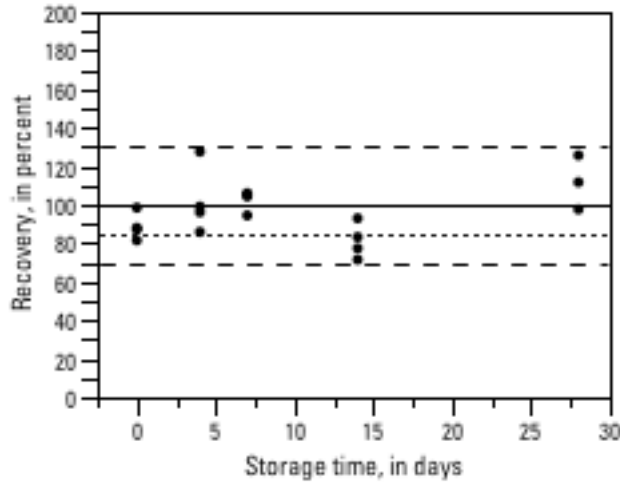
MCPA none -10°C



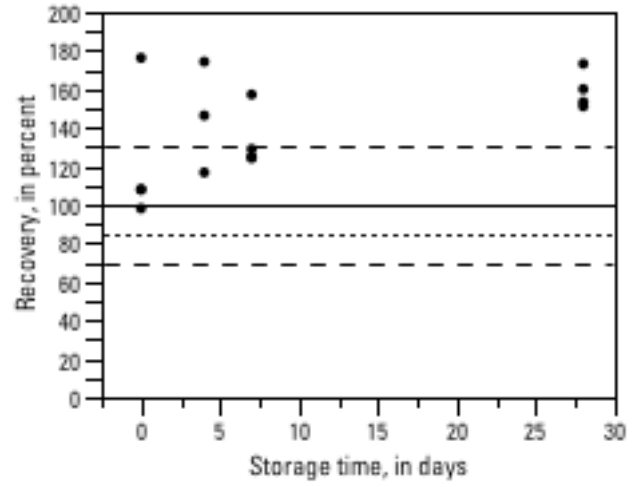
MCPA ascorbic 4°C



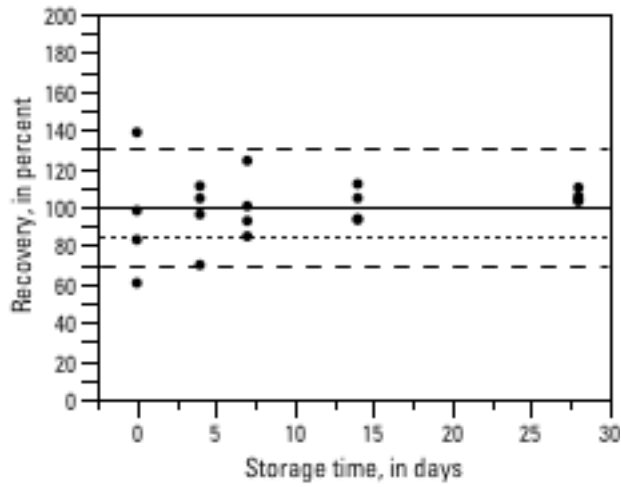
Triclopyr none 4°C



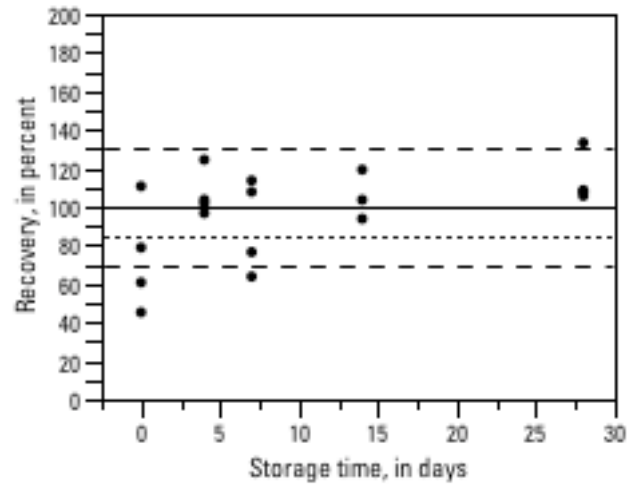
Triclopyr citric 4°C



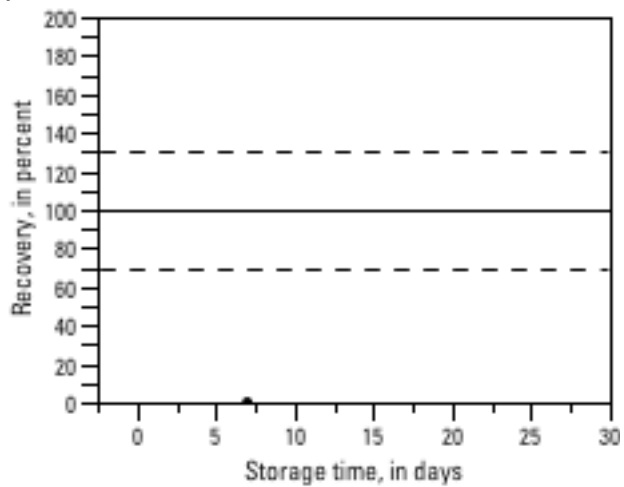
Triclopyr none -10°C



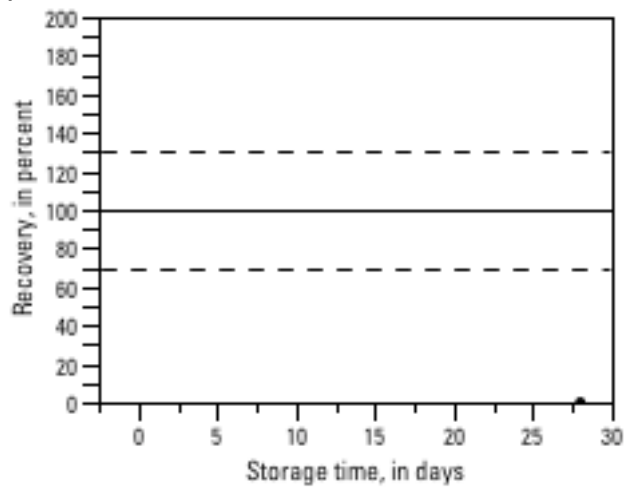
Triclopyr ascorbic 4°C



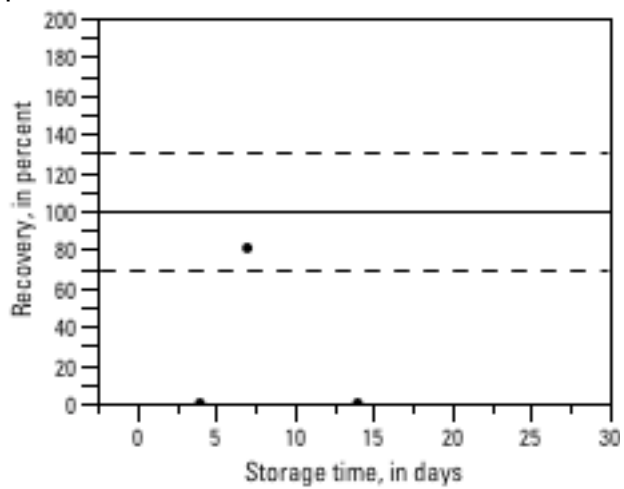
Iprodione none 4°C



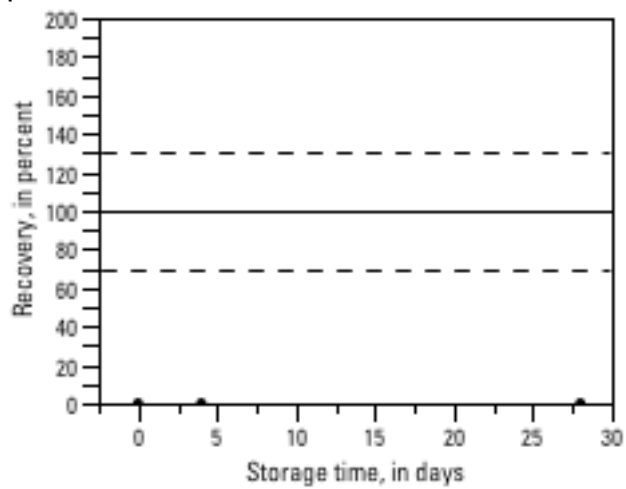
Iprodione citric 4°C



Iprodione none -10°C

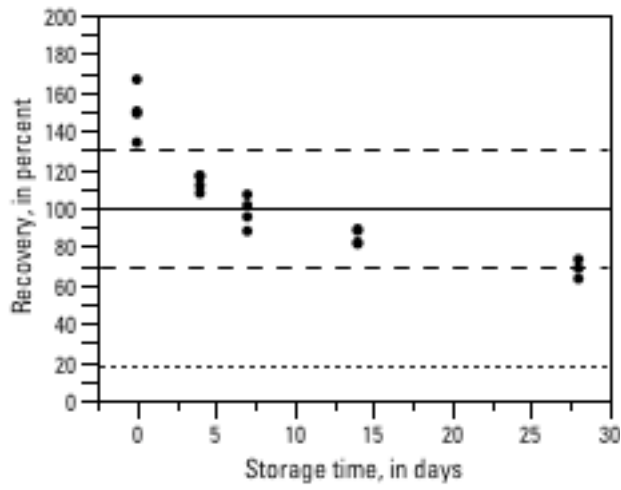


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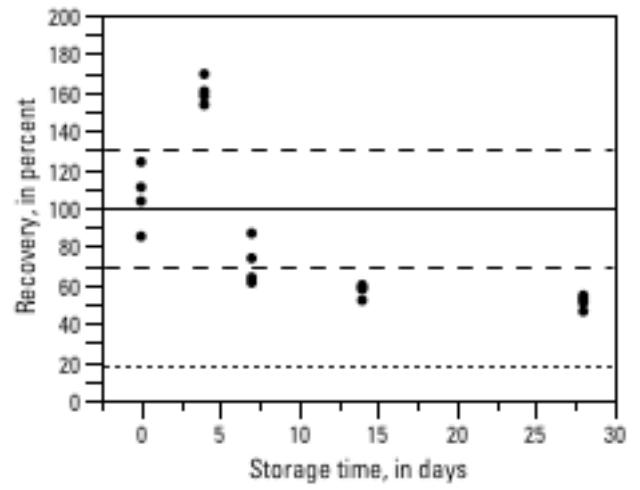




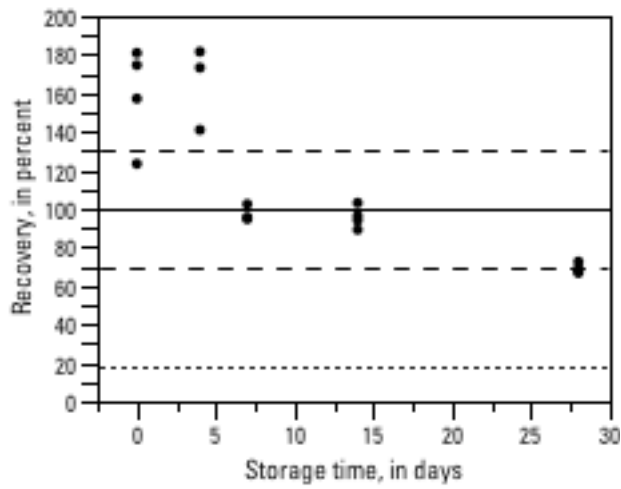
Flubendiamide none 4°C



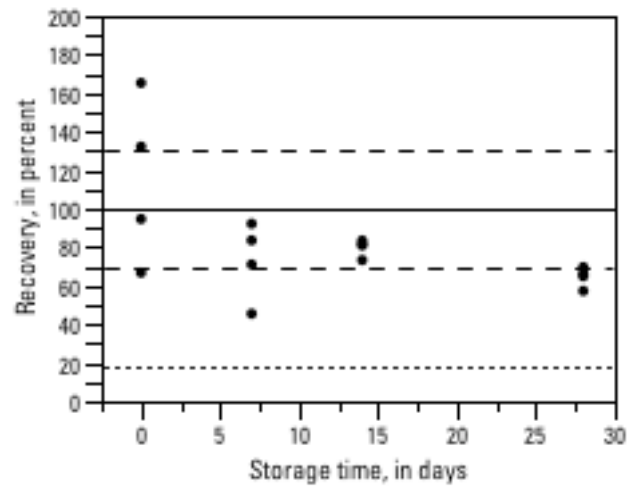
Flubendiamide citric 4°C



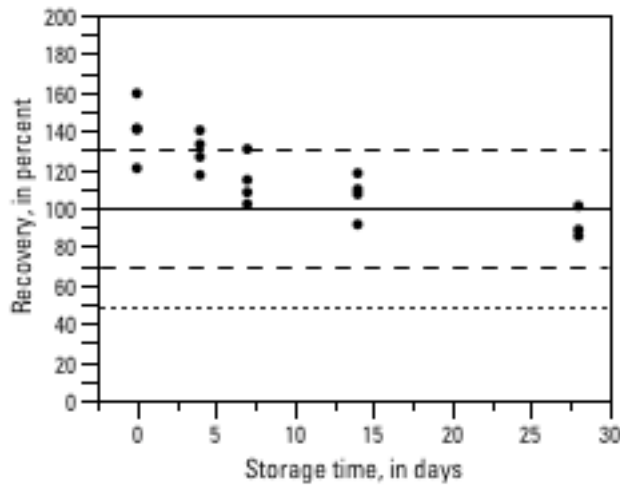
Flubendiamide none -10°C



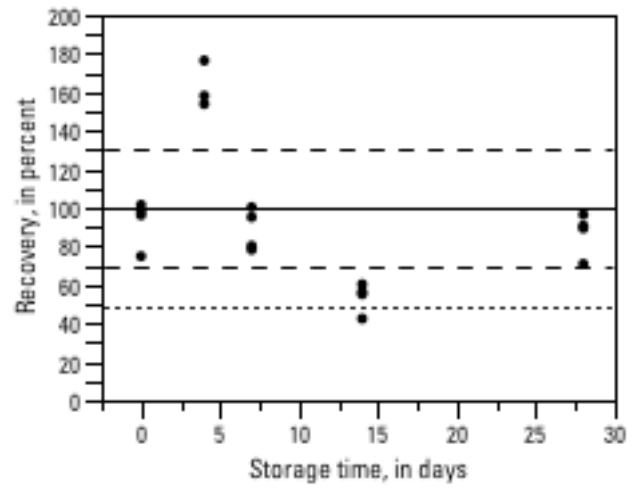
Flubendiamide ascorbic 4°C



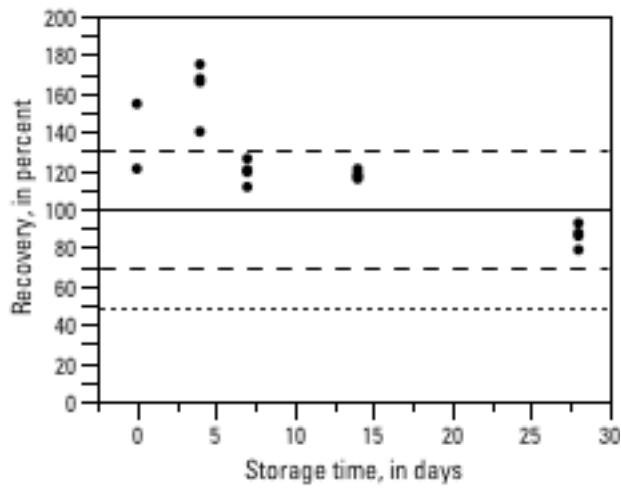
Oryzalin none 4°C



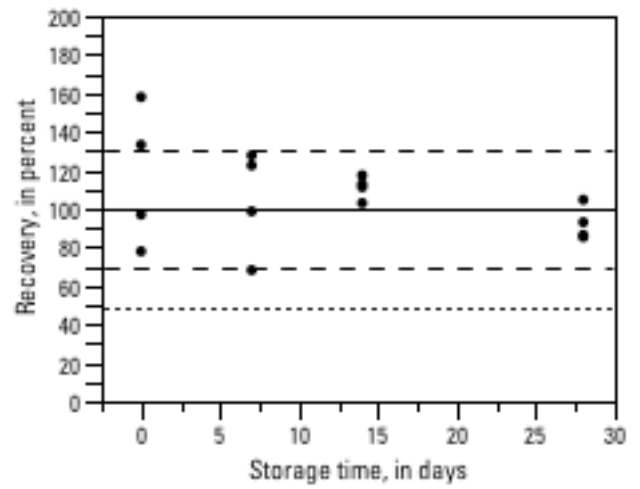
Oryzalin citric 4°C



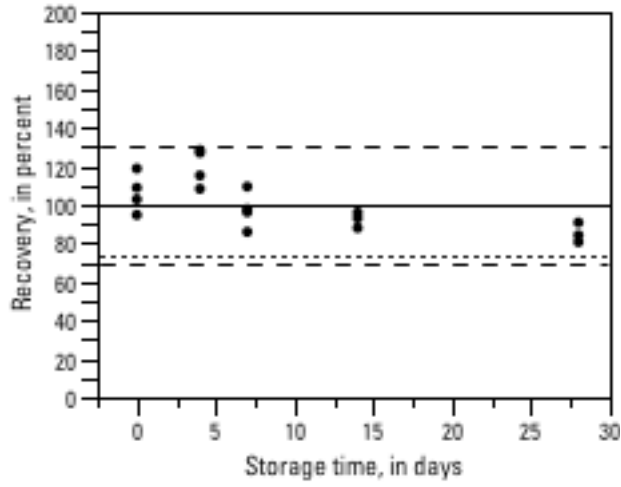
Oryzalin none -10°C



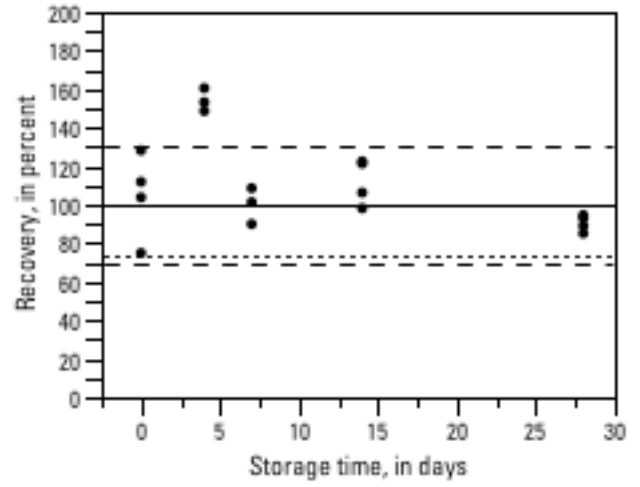
Oryzalin ascorbic 4°C



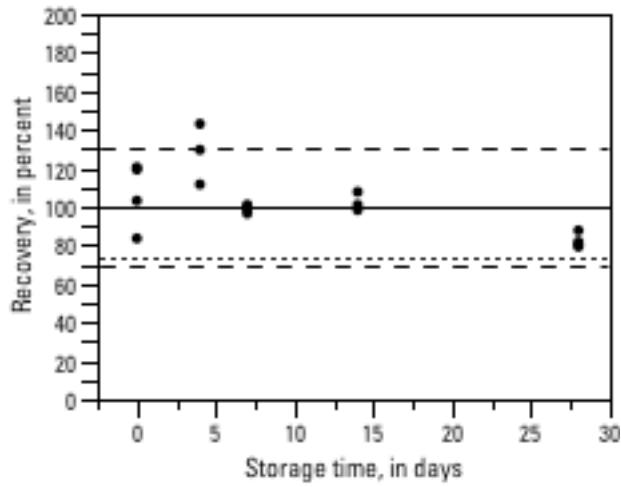
Fipronil none 4°C



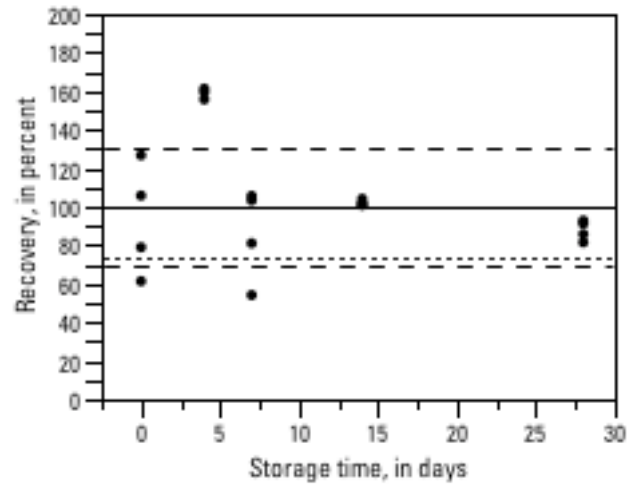
Fipronil citric 4°C



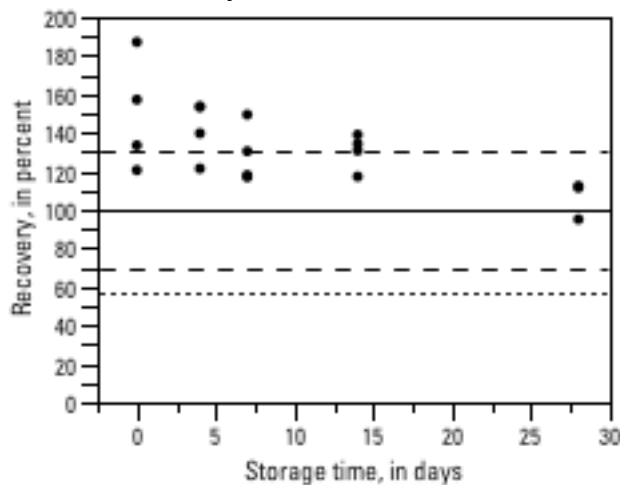
Fipronil none -10°C



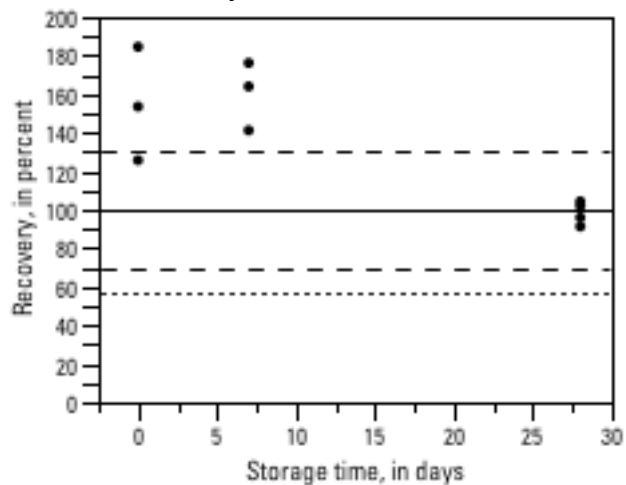
Fipronil ascorbic 4°C



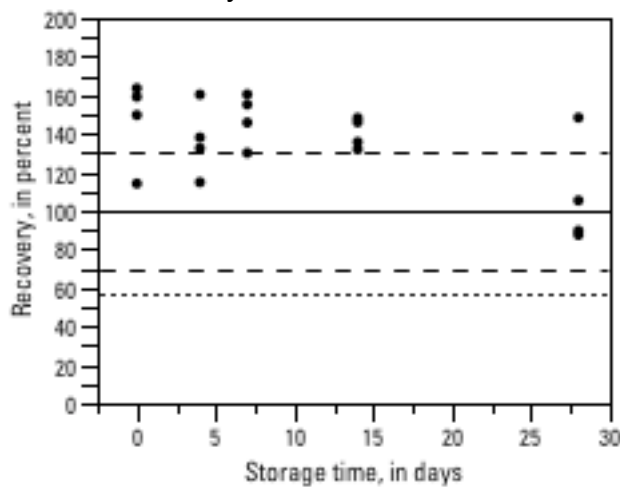
Chlorimuron-ethyl none 4°C



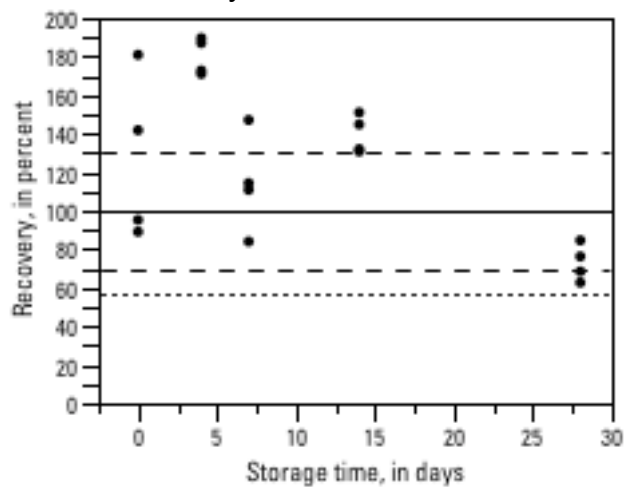
Chlorimuron-ethyl citric 4°C



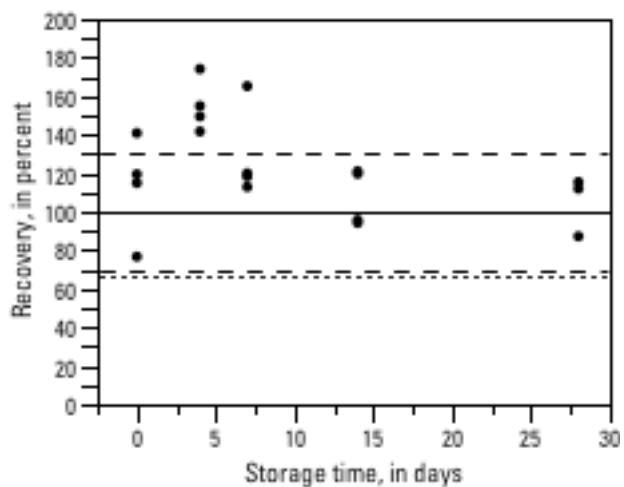
Chlorimuron-ethyl none -10°C



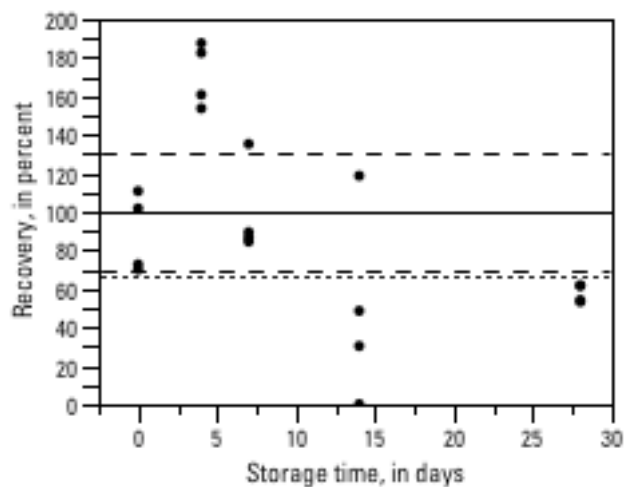
Chlorimuron-ethyl ascorbic 4°C



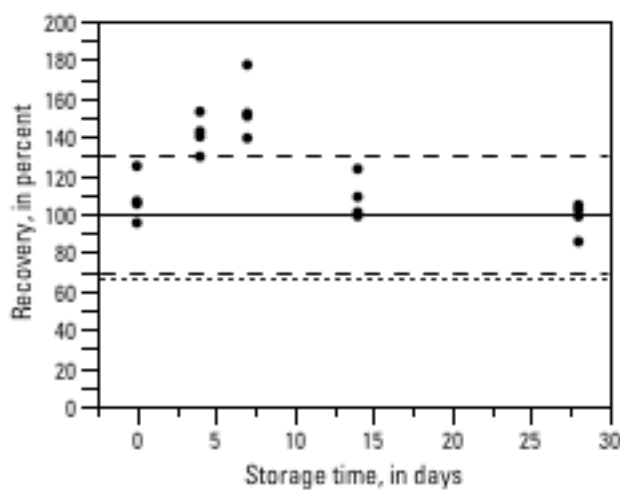
Chlorsulfuron none 4°C



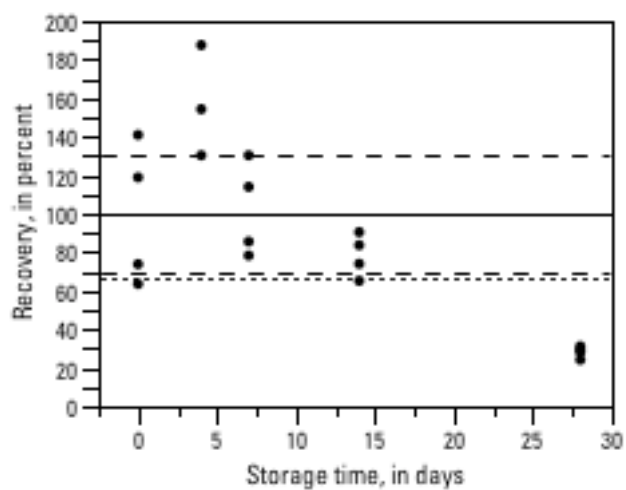
Chlorsulfuron citric 4°C



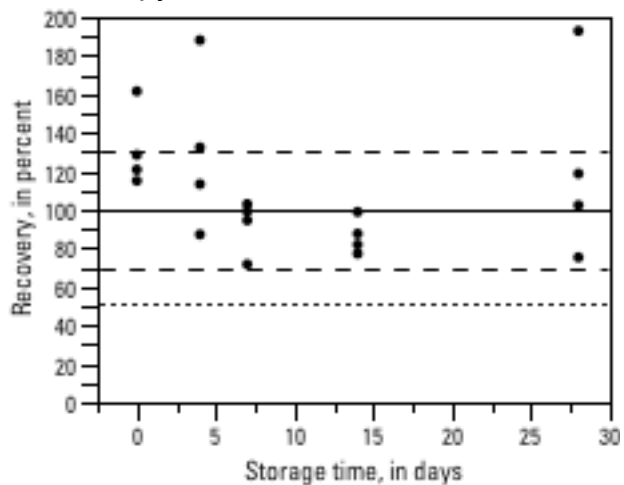
Chlorsulfuron none -10°C



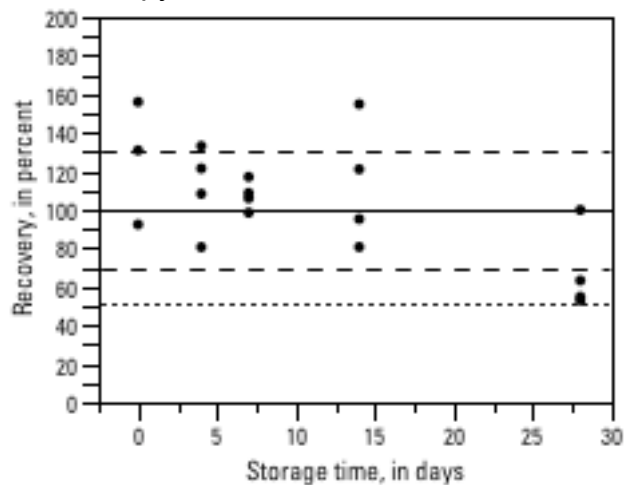
Chlorsulfuron ascorbic 4°C



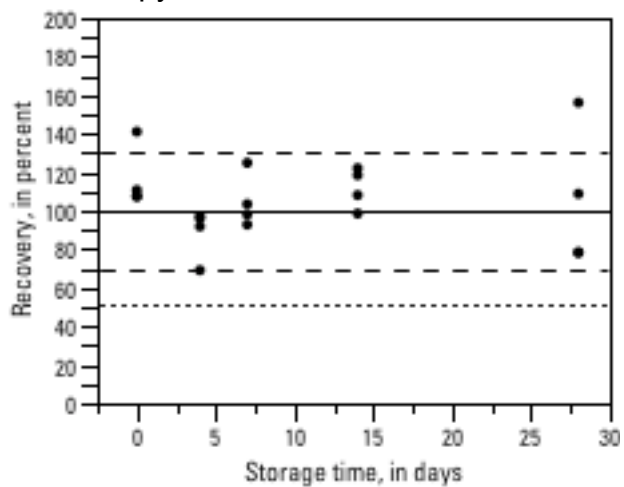
Diflufenzopyr none 4°C



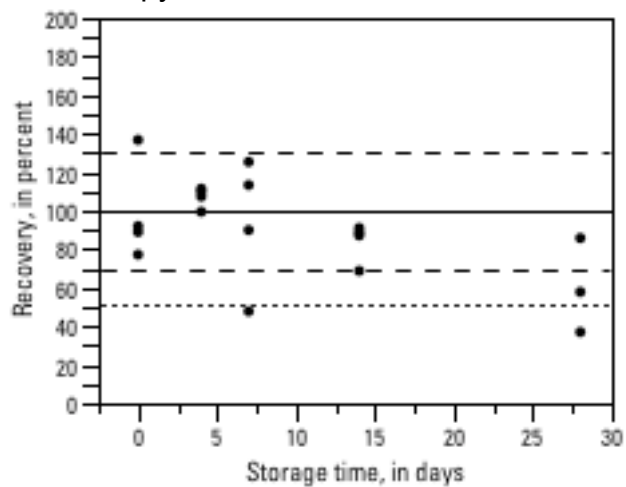
Diflufenzopyr citric 4°C



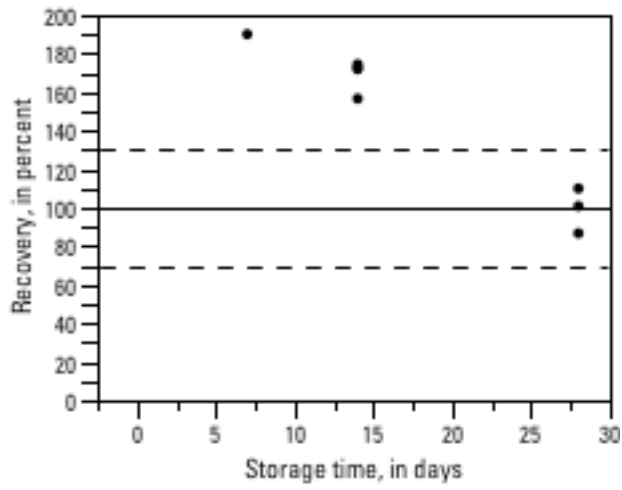
Diflufenzopyr none -10°C



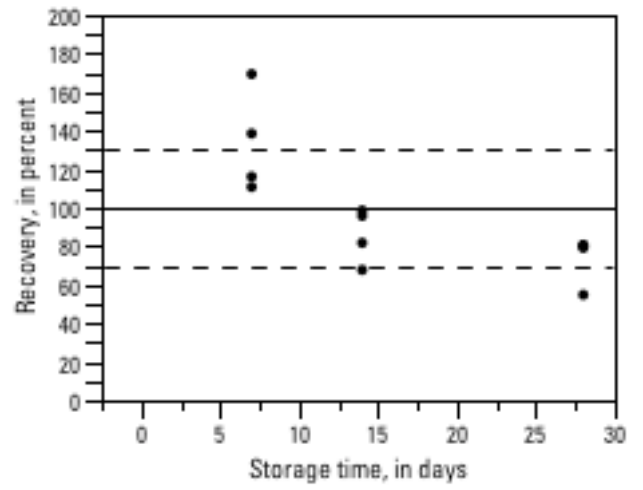
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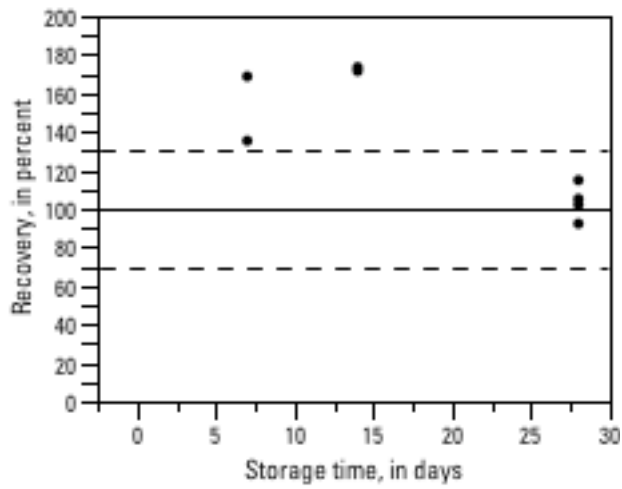
Novaluron none 4°C



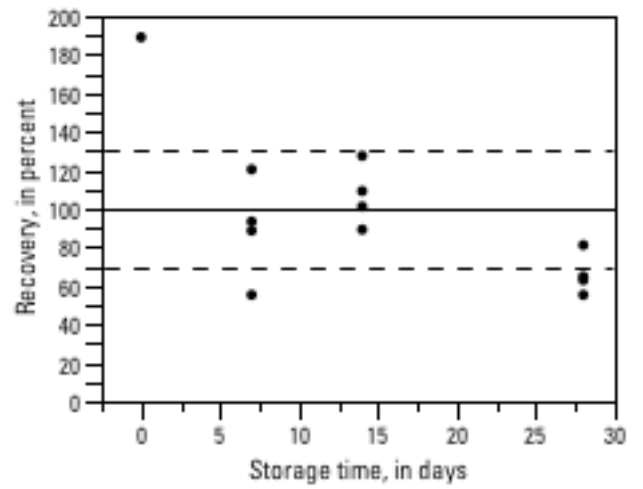
Novaluron citric 4°C



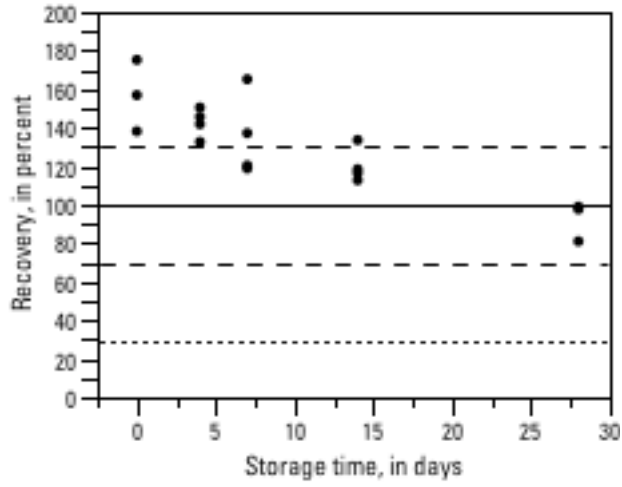
Novaluron none -10°C



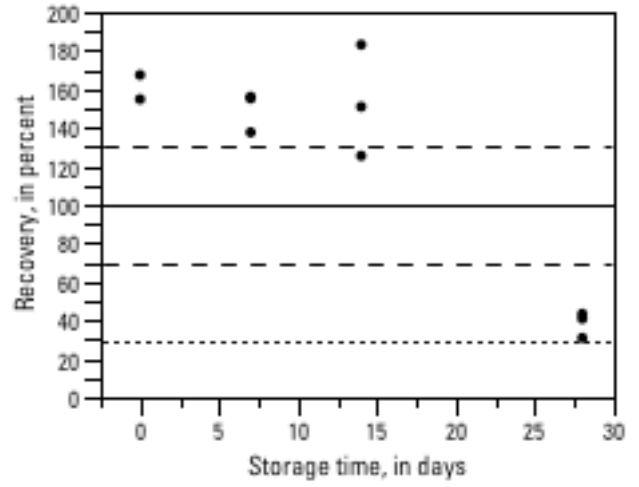
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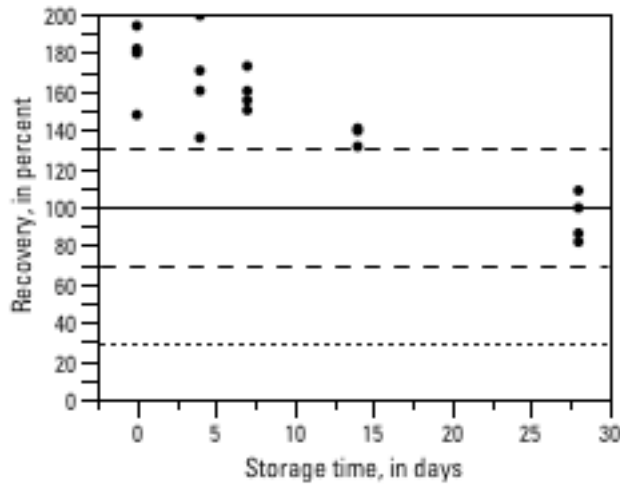
Prosulfuron none 4°C



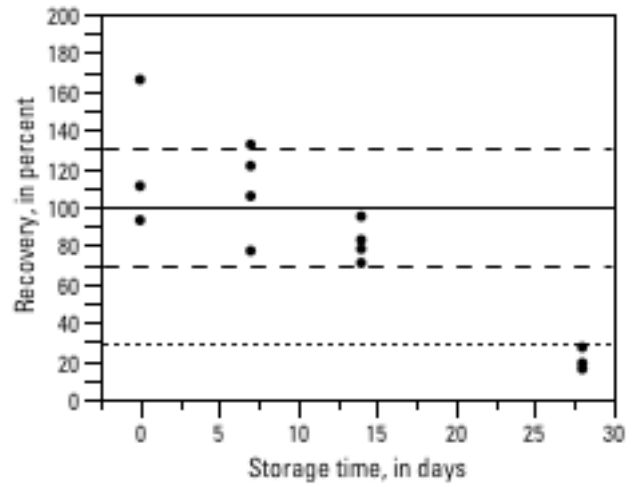
Prosulfuron citric 4°C



Prosulfuron none -10°C

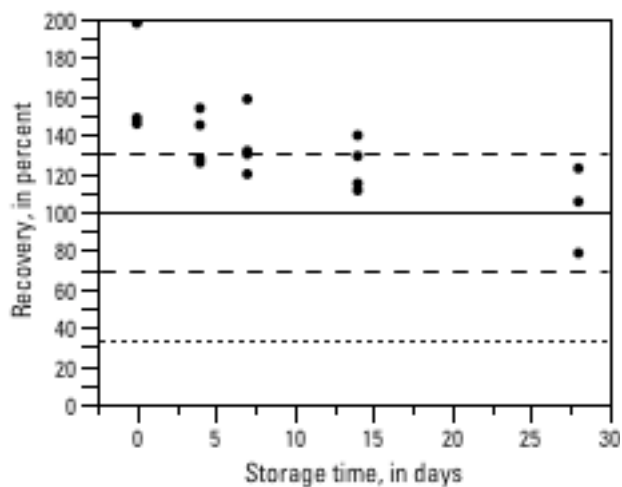


Prosulfuron ascorbic 4°C

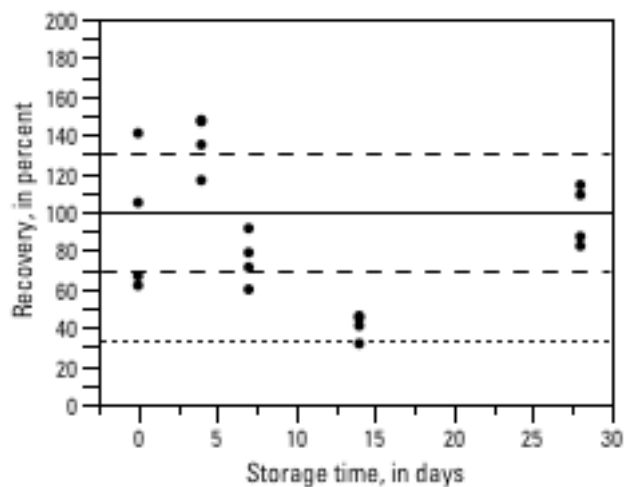




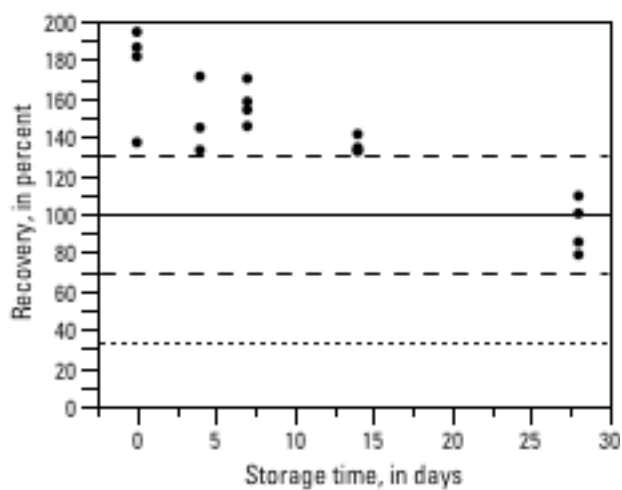
Sulfentrazone none 4°C



Sulfentrazone citric 4°C



Sulfentrazone none -10°C



Sulfentrazone ascorbic 4°C

