



13C LABELED INTERNAL MYCOTOXIN STANDARDS

LIB'UP®

“

Our LIB'UP® allows you to guarantee the quality of your analyses and accurately measure the toxins contained in your samples thanks to the high quality and purity of our standards.

If you use our internal standards, you avoid yield losses during your extractions, and you greatly reduce ion suppression due to the matrix effect.

LIBIOS ”



Ready-to-use internal standards, certified with uncertainty for mycotoxins analysis by LC-MS/MS.



Uniformly enriched in 13C, at 98 % isotopic purity for an accurate and repeatable calibration.



Entire certificates in accordance with ISO 31, 34, 35 and Eurachem / CITAC guides.



Tested and approved by external laboratories and French public research centers.

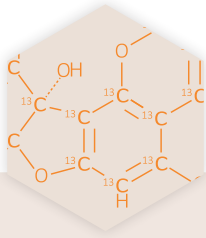


Various packaging: 0.5 mL - 1.2 mL - 5 mL - 10 mL and custom mixes.



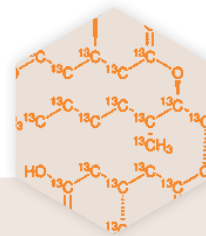
Standards are designed, elaborated and produced by our laboratory in France.

Why choose LIBIOS ?



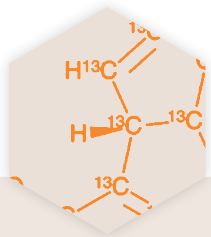
Aflatoxins C13 labeled

| | Concentration Solvent | Code / Packaging |
|--|-----------------------------------|--|
| [13C17]-Aflatoxin B1 | 0.5 µg/mL Acetonitrile | AB113C17-05-0.5 / (0.5 mL) AB113C17-05-1.2 / (1.2 mL) AB113C17-05-5 / (5 mL) AB113C17-05-10 / (10 mL) |
| [13C17]-Aflatoxin B2 | 0.5 µg/mL Acetonitrile | AB213C17-05-0.5 / (0.5 mL) AB213C17-05-1.2 / (1.2 mL) AB213C17-05-5 / (5 mL) AB213C17-05-10 / (10 mL) |
| [13C17]-Aflatoxin G1 | 0.5 µg/mL Acetonitrile | AG113C17-05-0.5 / (0.5 mL) AG113C17-05-1.2 / (1.2 mL) AG113C17-05-5 / (5 mL) AG113C17-05-10 / (10 mL) |
| [13C17]-Aflatoxin G2 | 0.5 µg/mL Acetonitrile | AG213C17-05-0.5 / (0.5 mL) AG213C17-05-1.2 / (1.2 mL) AG213C17-05-5 / (5 mL) AG213C17-05-10 / (10 mL) |
| [13C17]-Aflatoxin M1 | 0.5 µg/mL Acetonitrile | AM113C17-05-0.5 / (0.5 mL) AM113C17-05-1.2 / (1.2 mL) AM113C17-05-5 / (5 mL) AM113C17-05-10 / (10 mL) |
| [13C17]-Aflatoxins B1, B2, G1, G2 (mix) | 0.5 µg/mL of each Acetonitrile | ABG13C17-05-0.5 / (0.5 mL) ABG13C17-05-1.2 / (1.2 mL) ABG13C17-05-5 / (5 mL) ABG13C17-05-10 / (10 mL) |



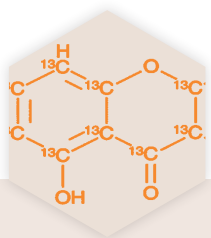
Fumonisin C13 labeled

| | Concentration Solvent | Code / Packaging |
|--|--|--|
| [13C34]-Fumonisin B1 | 25 µg/mL Acetonitrile/Water (50/50) | FB113C34-25-0.5 / (0.5 mL) FB113C34-25-1.2 / (1.2 mL) FB113C34-25-5 / (5 mL) FB113C34-25-10 / (10 mL) |
| [13C34]-Fumonisin B2 | 10 µg/mL Acetonitrile/Water (50/50) | FB213C34-10-0.5 / (0.5 mL) FB213C34-10-1.2 / (1.2 mL) FB213C34-10-5 / (5 mL) FB213C34-10-10 / (10 mL) |
| [13C34]-Fumonisin B3 | 10 µg/mL Acetonitrile/Water (50/50) | FB313C34-10-0.5 / (0.5 mL) FB313C34-10-1.2 / (1.2 mL) FB313C34-10-5 / (5 mL) FB313C34-10-10 / (10 mL) |
| [13C34]-Fumonisin B1 & B2 (mix) | 5 µg/mL Acetonitrile/Water (50/50) | FB1213C34-5-0.5 / (0.5 mL) FB1213C34-5-1.2 / (1.2 mL) FB1213C34-5-5 / (5 mL) FB1213C34-5-10 / (10 mL) |
| [13C34]-Fumonisin B1 & B2 (mix) | 10 µg/mL Acetonitrile/Water (50/50) | FB1213C34-10-0.5 / (0.5 mL) FB1213C34-10-1.2 / (1.2 mL) FB1213C34-10-5 / (5 mL) FB1213C34-10-10 / (10 mL) |



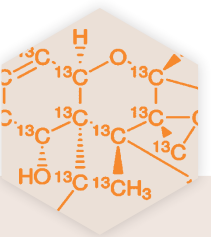
Ochratoxins C13 labeled

| | Concentration Solvent | Code / Packaging |
|----------------------|--------------------------|--|
| [13C20]-Ochratoxin A | 10 µg/mL Methanol | OTA13C20-10-0.5 / (0.5 mL) OTA13C20-10-1.2 / (1.2 mL) OTA13C20-10-5 / (5 mL) OTA13C20-10-10 / (10 mL) |
| [13C20]-Ochratoxin B | 10 µg/mL Methanol | OTB13C20-10-0.5 / (0.5 mL) OTB13C20-10-1.2 / (1.2 mL) OTB13C20-10-5 / (5 mL) OTB13C20-10-10 / (10 mL) |



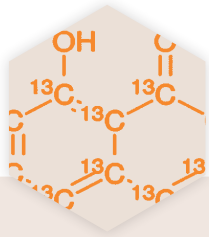
Sterigmatocystin C13 labeled

| | Concentration Solvent | Code / Packaging |
|--------------------------|--------------------------|--|
| [13C18]-Sterigmatocystin | 25 µg/mL Acetonitrile | STR13C18-25-0.5 / (0.5 mL) STR13C18-25-1.2 / (1.2 mL) STR13C18-25-5 / (5 mL) STR13C18-25-10 / (10 mL) |



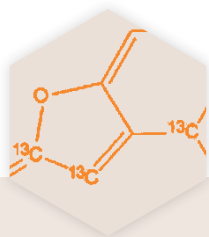
Trichothecenes C13 labeled

| | Concentration Solvent | Code / Packaging |
|---------------------------------|--------------------------|--|
| [13C17]-3-Acetyl-Deoxynivalenol | 25 µg/mL Acetonitrile | 3A13C17-25-0.5 / (0.5 mL) 3A13C17-25-1.2 / (1.2 mL) 3A13C17-25-5 / (5 mL) 3A13C17-25-10 / (10 mL) |
| [13C15]-Deoxynivalenol | 25 µg/mL Acetonitrile | DON13C15-25-0.5 / (0.5 mL) DON13C15-25-1.2 / (1.2 mL) DON13C15-25-5 / (5 mL) DON13C15-25-10 / (10 mL) |
| [13C24]-T2 toxin | 25 µg/mL Acetonitrile | T213C24-25-0.5 / (0.5 mL) T213C24-25-1.2 / (1.2 mL) T213C24-25-5 / (5 mL) T213C24-25-10 / (10 mL) |
| [13C22]-HT2 toxin | 25 µg/mL Acetonitrile | HT213C22-25-0.5 / (0.5 mL) HT213C22-25-1.2 / (1.2 mL) HT213C22-25-5 / (5 mL) HT213C22-25-10 / (10 mL) |
| [13C20]-T2 triol | 10 µg/mL Acetonitrile | TRI13C20-10-0.5 (0.5 mL) TRI13C20-10-1.2 (1.2 mL) TTRI13C20-10-5 (5 mL) TRI13C20-10-10 (10 mL) |
| [13C19]-Neosolaniol | 25 µg/mL Acetonitrile | NEO13C19-25-0.5 / (0.5 mL) NEO13C19-25-1.2 / (1.2 mL) NEO13C19-25-5 / (5 mL) NEO13C19-25-10 / (10 mL) |



Zearalenone C13 labeled

| | Concentration Solvent | Code / Packaging |
|---------------------|--------------------------|--|
| [13C18]-Zearalenone | 25 µg/mL Acetonitrile | ZEA13C18-25-0.5 / (0.5 mL) ZEA13C18-25-1.2 / (1.2 mL) ZEA13C18-25-5 / (5 mL) ZEA13C18-25-10 / (10 mL) |

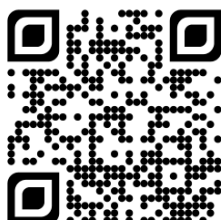


Patulin C13 labeled

| | Concentration Solvent | Code / Packaging |
|----------------|--------------------------|--|
| [13C3]-Patulin | 25 µg/mL Acetonitrile | PAT13C3-25-0.5 / (0.5 mL) PAT13C3-25-1.2 / (1.2 mL) PAT13C3-25-5 / (5 mL) PAT13C3-25-10 / (10 mL) |

LIBIOS offers you its own methods and tools to purify your samples for mycotoxins analysis by HPLC / LC-MS/MS. Our SPECIFIC and PERFORMING purification columns are ideal for purifying your samples:

- Immunoaffinity columns
- SPE Clean-up / Extra Clean-up columns
- SPE Syringe / Extra Syringe columns



LIBIOS

83, rue Edmond Michelet
69490 Vindry Sur Turdine
France
Phone: +33 (0)4 74 13 03 02
Mail: info@libios.fr
Website: www.libios.fr