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[www.deltalabo.fr](http://www.deltalabo.fr)

## FUSION FLUX

SPEX SamplePrep is proud to offer the full line of SPEX Fusion Fluxes and additives. These fluxes have exceptional qualities due to their purity and coarse glass-bead texture.

Some of these fluxes include lithium bromide or lithium iodide as a non-wetting agent. A small amount of LiBr or Lil is added to the flux when making a "glass bead" (lithium borate sample disk), to keep the melt from sticking to the crucible or mold. Additional LiBr or Lil is added to the flux before making a solution for ICP/AA analysis, so the entire melt is transferred to the beaker. LiBr solution in a dropper bottle is a convenient way to add non-wetting agent to a fusion, at 6-7 mg per drop. Please call SPEX SamplePrep for a free sample of flux, or information on a custom flux.



Mixture	Composition (%)	Pure	Ultra-Pure
LiT	100.00	FFB-1000-02	FFB-1000-03
LiT/LiBr	99.50/0.50	FFB-1005-02	FFB-1005-03
LiT/Lil	99.50/0.50	FFB-1007-02	FFB-1007-03
LiT/LiM	67.00/33.00	FFB-6700-02	FFB-6700-03
LiT/LiM/LiBr	66.67/32.83/0.50	FFB-6705-02	FFB-6705-03
LiT/LiM/Lil	66.67/32.83/0.50	FFB-6707-02	FFB-6707-03
LiT/LiM	50.00/50.00	FFB-5000-02	FFB-5000-03
LiT/LiM/LiBr	49.75/49.75/0.50	FFB-5005-02	FFB-5005-03
LiT/LiM/Lil	49.75/49.75/0.50	FFB-5007-02	FFB-5007-03
LiT/LiM	35.00/65.00 (12/22)	FFB-3500-02	FFB-3500-03
LiT/LiM/LiBr	(11.94/21.89/0.17)	FFB-3505-02	FFB-3505-03
LiM	100.00	FFB-0000-02	FFB-0000-03
LiM/LiBr	99.50/0.50	FFB-0005-02	FFB-0005-03
LiM/LiBr	98.50/1.50	FFB-0007-02	FFB-0007-03

Additive Description	Part Number
LiBr crystal (125g) FFB-100-03	FFB-1000-03
LiBr – 15mL solution FFB-103-03	FFB-1005-03
LiBr – 15mL solution (10pk) FFB-105-03	FFB-1007-03
Lil crystal (125g) – trihydrate salt FFB-110-03	FFB-6700-03
Lil – 15mL solution FFB-113-03	FFB-6705-03
Lil – 15mL solution (10pk) FFB-115-03	FFB-6707-03
LiF crystals (125g) FFB-200-03	FFB-5000-03
LiNO3 (250g) FFB-300-03	FFB-5005-03
LiNO3 (500g) FFB-301-03	FFB-5007-03