



## Definitively the purest

### Micro-beads

- **Outstanding purity**
  - Manufacturing process located in a cleanroom - no external contamination
  - With the purest raw material available - minimal traces
  - Very low loss on fusion (less than 0.05%) - negligible weight errors
  - Pure grade: 99.99% pure - very good all-around analytical grade
  - Ultra-pure: 99.998+% pure - **purest on the market**
- **Micro-bead form**
  - Very low hygroscopicity - spherical flux particles do not readily absorb humidity
  - No dust - no error due to flux losses on weighing containers
  - High density - no crucible overflows
  - High fluidity - faster weighing time
- **Pre-fused**
  - Totally homogenous - every particle has the same composition
- **Optional non-wetting agent fused right in**
  - Lithium bromide (LiBr) or iodide (LiI) are pre-fused in the flux - faster weighing time with better analytical accuracy

Katanax is very pleased to offer a full range of high-quality fusion fluxes to its product line. We can now provide our customers with lithium borate fluxes that present the following features:



#### Katanax Inc

180-2014, Cyrille-Duquet  
Quebec, QC, Canada  
G1N4N6  
Phone: +1-418-657-6201  
Fax : +1-418-657-6203  
info@katanax.com

Name	Composition				Catalog number	
	LiT* %	LiM** %	LiBr %	LiI %	Pur (99.99%)	Ultra-pur (99.998%)
<b>LiT</b>	100.00	-	-	-	KP3007P	KP3007UP
<b>LiT/LiBr 99.50/0.50</b>	99.50	-	0.50	-	KP3001P	KP3001UP
<b>LiT/LiI 99.50/0.50</b>	99.50	-	-	0.50	KP3016P	KP3016UP
<b>LiT/LiM 67/33</b>	67.00	33.00	-	-	KP3009P	KP3009UP
<b>LiT/LiM/LiBr 66.67/32.83/0.50</b>	66.67	32.83	0.50	-	KP3003P	KP3003UP
<b>LiT/LiM/LiI 66.67/32.83/0.50</b>	66.67	32.83	-	0.50	KP3015P	KP3015UP
<b>LiT/LiM 50/50</b>	50.00	50.00	-	-	KP3008P	KP3008UP
<b>LiT/LiM/LiBr 49.75/49.75/0.50</b>	49.75	49.75	0.50	-	KP3002P	KP3002UP
<b>LiT/LiM/LiI 49.75/49.75/0.50</b>	49.75	49.75	-	0.50	KP3014P	KP3014UP
<b>LiT/LiM 35/65 ("12/22")</b>	35.00	65.00	-	-	KP3010P	KP3010UP
<b>LiT/LiM/LiBr 34.83/64.67/0.50</b>	34.83	64.67	0.50	-	KP3004P	KP3004UP
<b>LiM</b>	-	100.00	-	-	KP3006P	KP3006UP
<b>LiM/LiBr 99.50/0.50</b>	-	99.50	0.50	-	KP3000P	KP3000UP
<b>LiM/LiBr 98.50/1.50</b>	-	98.50	1.50	-	KP3005P	KP3005UP

\* : LiT = Tetraborate de lithium ( $\text{Li}_2\text{B}_4\text{O}_7$ )

\*\* : LiM = Metaborate de lithium ( $\text{LiBO}_2$ )

### Non-wetting and fluidizing agents (all ultra-pure)

<b>LiBr</b>	125g, crystals	KP4000P
<b>LiBr</b>	15 mL solution	KP4001P
<b>LiBr</b>	15 mL solution, 10-pack	KP4002P
<b>LiI</b>	125g, crystals - trihydrate	KP4003P
<b>LiI</b>	15 mL solution	KP4004P
<b>LiI</b>	15 mL solution, 10-pack	KP4005P
<b>LiF</b>	125g, crystals	KP4006P

### Oxidizers (all ultra-pure)

<b>LiNO<sub>3</sub></b>	250g, crystals	KP4007P
<b>LiNO<sub>3</sub></b>	500g, crystals	KP4008P



*The purest*