

Catalogue Number	Product	Order number / Unit
<b>832</b>	<b>Lithium aluminium hydride 0.1 M</b> <b>0.1 M solution in dried tetrahydrofuran with controlled <sup>12</sup>C-background</b>  Manufactured and packaged in argon atmosphere. Repeated extractions from vial in argon atmosphere does not affect product quality. <b>Molar Mass:</b> LiAlH <sub>4</sub>  [16853-85-3]  Clear colourless liquid packaged in 10 ml clear glass vials sealed with teflon-faced rubber stoppers and tear-off crimp caps. <b>Purity:</b> < 5 ppm background CO <sub>2</sub> 50 ppm Methanol <b>Certificates:</b> CoA; Background <sup>12</sup> C ([ <sup>12</sup> C]Carbonate determined as [ <sup>12</sup> C]CO <sub>2</sub> and [ <sup>12</sup> C]Methanol as methyl acetate by gas chromatography) <b>Chemical Name:</b> Please refer to product number 801. <b>Synonymes:</b> Please refer to product number 801. <b>Literature:</b> 1. Harada N. et al. Measurement of the carbon source which is responsible for dilution in Carbon-11 labelling reactions. J. Appl. Radiat. Isot. 1993, 44, 629. 2. Marazano C. et al. Synthesis of [ <sup>11</sup> C]formaldehyde. Int. J. Appl. Radiat. Isot. 1977, 28, 49. 3. Iwata R. et al. Comparative study of specific activity of ( <sup>11</sup> C)methyl iodide. A search for the source of carrier carbon. J. Appl. Radiat. Isot. 1988, 39, 1.	832.0002.5: 2.5 ml per vial 832.0005: 5 ml per vial Please inquire for customized filling and bulk quantities.  LiAlH <sub>4</sub>

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