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## Product Specifications

**Product Name**

**L-Arabinono-1,4-lactone**

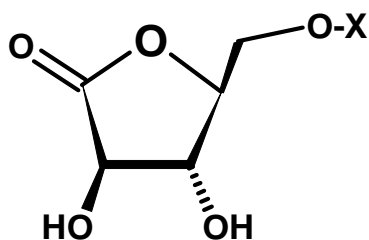
*Syn:*

L-Arabinonic Acid,  $\gamma$ -lactone; L-Arabinonolactone

**CAS No.**

**51532-86-6**

**Structure**



**X = H** (L-Arabinono-1,4-lactone)

**X = Ph<sub>3</sub>C** (5-O-Trityl-L-arabinono-1,4-lactone)

**X = TBDPS** (5-O-tert-Butyldiphenylsilyl-L-arabinono-1,4-lactone)

**Mol. Formula**

**C<sub>5</sub>H<sub>8</sub>O<sub>5</sub> (X=H)**

**Mol. Weight**

**118.09**

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*Test*

*Specification*

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**Appearance**

White to off-white solid

**Identity**

IR, H-NMR

**Mp**

**X = H;** 98-100 °C, 110-112 °C

**X = Trityl;** N/A

**X = TBDPS;** N/A

**Sp Rot., [ $\alpha$ ]<sup>23</sup><sub>D</sub>**

**X = H;** N/A

**X = Trityl;** N/A

**Assay (hplc)**

> 98%

**Heavy Metals (Pb)**

< 10 ppm

**Residue on Ignition**

< 0.2%

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