

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 06458

**Product** **Z-DL-aspartic acid  $\beta$ -benzyl ester**

Z-DL-Asp(OBzl)-OH

**CAS Number** 29880-21-5

**Molecular Formula** C<sub>19</sub>H<sub>19</sub>NO<sub>6</sub>

**Molecular Weight** 357.4

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**Appearance** White product

**Solubility** Clear, colorless solution (50 mg/mL in MeOH)

**Melting Point** 100 - 105 °C

**Elemental Analysis (Theory)** C = 63.86 ± 0.5%, H = 5.36 ± 0.5%, N = 3.92 ± 0.5%

**TLC System** Chloroform/Methanol/Acetic acid (85/10/5)  
Chloroform/Methanol/Benzene/Water (8/8/8/1)  
Detected by : UV, ninhydrin, Chlorine-tolidine

**Purity by TLC** ≥ 99%

**Storage** Store at 0 - 8 °C

**For Laboratory Use Only**