

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	00370
<b>Product</b>	<b>D-Aspartic acid</b>  D-Asp-OH  (R)-(-)-Aminosuccinic acid
<b>CAS Number</b>	1783-96-6
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>7</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	133.1

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<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	≤ 10 ppm (as Pb)
<b>Anion</b>	Chloride : ≤ 0.02% Ammonium : ≤ 0.02% Sulfate : ≤ 0.02%
<b>Cation</b>	Iron : ≤ 10 ppm Arsenic : ≤ 1.0 ppm
<b>pH</b>	2.5 - 3.5
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -24.8 to -25.8 °
<b>Transmission</b>	≥ 98%
<b>Loss on Drying</b>	≤ 0.2%
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay</b>	98.5 - 101.0%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**