

Product Specification

Product Name	DL-Aspartic acid potassium salt hemihydrate
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Glentham Code	GM8596
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CAS Number	394208-50-5
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Molecular Weight	360.4
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Molecular Formula	$C_8H_{12}K_2N_2O_8 \cdot 0.5H_2O$
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Storage Temp.	+20°C
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Property	Specification
Physical Description	White to off-white crystalline powder
Identification (IR)	To conform to standard
Solubility (3.5% in water)	Clear, colourless solution
Chloride (Cl)	≤ 0.02%
Ammonium (NH ₄)	≤ 0.02%
Sulphate (SO ₄)	≤ 0.01%
Iron (Fe)	≤ 30ppm
Arsenic (As ₂ O ₃)	≤ 2ppm
Heavy Metals (as Pb)	≤ 10ppm
Water (KF)	4.0 - 6.0 %
Assay (Titration)	98.0 - 102.0 %

Specification Version	-	v1.0
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Date Created	-	2025-04-07
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Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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