

Specification

Technical Data Sheet

Product Name	D-Glutamic acid
Product No	25209901
CAS Number	6893-26-1
Storage Temperature	Ambient
Molecular Weight	147.13
	Specification
Appearance	White crystalline powder
Heavy metals	≤10ppm
Identification	Conforms to reference
Loss on Drying	≤0.20%
pH	3 - 3.5
Specific rotation	-31° to -32.2°
Assay	98% - 101%

Specification

Chloride (Cl)	$\leq 0.02\%$
----------------------	---------------

Iron (Fe)	$\leq 10\text{ppm}$
------------------	---------------------

Residue on Ignition	$\leq 0.10\%$
----------------------------	---------------

State of Solution	Clear and colourless
--------------------------	----------------------

Ammonium (NH₄)	$\leq 0.02\%$
----------------------------------	---------------

Arsenic (As)	$\leq 2\text{ppm}$
---------------------	--------------------

Sulphate (SO₄)	$\leq 0.020\%$
----------------------------------	----------------
