

Technical Data Sheet

Aspartame (22839-47-0)

Formula: $C_{14}H_{18}N_2O_5$
M.W.: 294.34
Appearance: White crystalline powder; It has strong taste of sweet; Its sparse solution is as 180 time as the sweetness for sugar.

Specifications:

$C_{14}H_{18}N_2O_5$:	98-102.0%
Specific Rotation:	+14.5° - +16.5°
Transmittance:	95% min
Loss on Drying:	4.5% max
Residue on Ignition:	0.2% max
PH Value:	4.5 - 6.0
L-a-Aspartyl-L-Phenylalanine:	0.25% max
Heavy Metals (as Pb):	10ppm max
Lead:	1ppm max
L-Phenylalanine:	0.50% max
5-benzyl-3,6-dioxo-2-Piperazineacetic Acid:	1.5% max
Other Related Substances:	2.0% max
Mesh:	80 mesh

Package: in 25kg paper fibre drums.

Distributor:

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