

TECHNICAL DATA SHEET

Aspartame | CAS 22839-47-0

1. Product Identification

Product Name	Aspartame
CAS Number	22839-47-0
Synonyms	NutraSweet, Equal active ingredient, L-Aspartyl-L-phenylalanine methyl ester, E951
Category	Food Chemical
Available Grades	Food Grade/Pharmaceutical Grade
HSN Code	2924.19

2. Physical & Chemical Properties

Molecular Formula	C ₁₄ H ₁₈ N ₂ O ₅
Molecular Weight	294.31
Appearance	Refer to TDS
Density	1347 kg/m ³
Boiling Point	N/A
Melting Point	246°C (d)
Flash Point	None
Solubility	1g/100ml

3. Applications

• Low-calorie sweetener (E951) • Carbonated beverages • Pharmaceutical formulation • Chewing gum

4. Industries Served

Food, Pharma, Beverage

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.