

H & A (Canada) Inc.

1160 Tapscott Road, Toronto, Ontario, Canada M1X 1E9
Tel: (416) 412-9518 x 228 Fax: (416) 293-9066
sales@hacanada.com



PRODUCT DATA

NEOTAME

M.Fm: C₂₀H₃₀N₂O₅

M.Wt: 378.47
CAS #: 165450-17-9

Description:

Neotame is a white to off white powder with a clean, sweet taste. It sparingly solubles in water and very soluble in alcohol and ethyl acetate. The pH of a 0.5% solution is between 5 and 7. Regulatory approval for Canada was received in 2007.

Features:

- Can be blended with nutritive sweeteners, including high fructose corn syrup and sucrose, as well as high intensity sweeteners, to match taste of existing products while providing significant cost savings.
- Is a versatile food ingredient. Its properties make it an effective sweetener and flavour enhancer. Efficacy and potency will vary depending on the actual application in which Neotame is used.

Applications: Beverages, tabletop sweeteners, chewing gums, confections, baked goods, frozen desserts/ice cream, yogurt, dietary supplement and OTC pharmaceuticals.

Specifications:

This product complies with FCC 6, USP 31/NF 26 standards.

Identity by Infrared	.....	Conforms to Standard
Assay (dry basis)	.....	97.0% ~ 102.0%
Specific Rotation [α] _D ²⁰	.....	- 43.4° ~ - 40.0°
N-[N-(3,3-dimethylbutyl)-L- α -aspartyl]-L-phenylalanine	.....	1.5% max.
Other Related Substances	.....	2.0% max.
Water	.....	5.0% max .
Lead	.....	1 ppm max.
Arsenic	.....	3 ppm max.
pH (0.5% solution)	.....	5 ~ 7
Residue on ignition	.....	0.2% max.
Residual Solvents	.....	Pass
Aerobic Plate Count	.....	250 pm/g max.
Coliforms	.....	10 pm/g max.
Fungi	.....	100 pm/g max.
Microorganisms of Public Health Concern	.....	None Detected
Melting Point	.....	80°C ~83°C

****Note:** this product is melamine free.

Storage:

Store in dry and cool place.

Shelf Life: 5 years.

Note: The information contained herein is a suggested guide only. It is believed to be accurate and represents the current information available to us. H&A (Canada) Inc. makes no guarantee of its content and assumes no liability for its use. Users must determine the suitability that this information provides them. In no way is H&A responsible for any claims, losses or damages of any client or third party as a result of direct or indirect use of this information.