

**ASPARTAME
CHINA**

DESCRIPTION:	White crystal powder or granular with a strong sweet taste. Its dilute solution is 100-200 times sweeter than sugar. It has a taste closely similar to sugar and posses a clean sweet taste without bitter and metal taste.
FORMULA:	$C_{14}H_{18}N_2O_5$
MOL. WT.:	294.31
USES:	Low caloricity, intense sweetener; an additive in the food industry.
PACKAGE:	25-kg net in fiber drum with plastic lining.
TYPICAL ANALYSIS:	
Assay (dry basis)	98-102%
Loss on drying (105OC, 4 hours)	4.5% Maximum
Residue on ignition (sulfated)	0.2% Maximum
Ph (1g/125g)	4.0-6.5
Transmittance	0.95 Minimum
Specific Rotation [20°C]	+12.5° - +17.5°
Arsenic	3ppm Maximum
Heavy Metals (as Pb)	10ppm Maximum
5-Benzyl-3, 6-Dioxo-2-Piperazine Acetic Acid	1.5% Maximum
Other optical isomers	0.04% Maximum

THE PRODUCT COMPLIES WITH THE REQUIREMENTS OF FCCIII, USP22

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