

CERTIFICATE OF ANALYSIS

ASPARTAME

Test	Requirement	Result
IDENTIFICATION	CONFORM TO CP2005	CONFORM
LOSS ON DRYING	≤4.5%	2.81%
RESIDUE ON IGNITION	≤0.2%	0.06%
ASSAY	98.0%~102.0%	99.10%
CONDUCTIVITY	≤30 μ s/cm	14.64 μ s/cm
PH	4.5~ 6.0	5.17
SPECIFIC ROTATION	+14.5 ° ~ +16.5°	+14.99 °
TRANSMITTANCE	≥95.0 %	99.50%
L-PHENYLALANINE	≤0.5%	NOT FOUND
L-α-ASPARTYL-L-PHENYLALANINE	≤0.25%	0.09%
DIKETOPIPERAZINE	≤1.5%	0.05%
OTHER RELATED SUBSTANCES	≤2.0%	0.45%
APPEARANCE OF SOLUTION	CONRFORM TO EP	CONFORM
HEAVY METALS (as Pb)	≤10PPM	<5PPM
LEAD	≤1PPM	<1PPM
ARSENIC	≤3PPM	<2PPM
Result	Pass	

Statement: The product meets the requirements of FCC10, FAO/WHO JECFA, EP8, USP38 and NF33.