



# MASTERCHEM LIMITED

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## ASPARTAME

**SYNONYM:** N-L-A-ASPARTYL-L-PHENYLALANINE 1 – METHYL ESTER ; APM

**FORMULAR:** C<sub>14</sub>H<sub>18</sub>N<sub>2</sub>O<sub>5</sub>

**M.W.:** 294.3066

**CAS NO.:** 22839-47-0

**GRADE:** FCC IV STANDARD

**SPECIFICATION:**

APPEARANCE	PASSED TEST
IDENTIFICATION	PASSED TEST
ASSAY(ON DRY BASIS)	98.8%
SPECIFIC ROTATION	+15.4°
TRANSMITTANCE	PASSED TEST
LOSS ON DRYING	3.98%
HEAVY METALS(AS PB)	PASSED TEST
PH DATA	5.0
ARSENIC	PASSED TEST
RESIDUE ON IGNITION	0.05%
5-BENZYL-3,6-DIOXO-2-PIPERAZI NEACETIC ACID	PASSED TEST
OTHER RELATED SUBSTANCES	PASSED TEST

**PACKING:** IN 25KGS CARTON

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