

**PRODUCT SPECIFICATION**

**Printed:** 2/10/2014

**Catalog :** A1378

Aspartame, Powder, NF

**CAS# :** 22839-47-0

**Formula :** C14H18N2O5

**Formula Weight :** 294.31

**Test**

**Limit**  
**Min. Max.**

<b>Test</b>	<b>Limit</b> <b>Min. Max.</b>
ASSAY (DRIED BASIS)	98.0 - 102.0 %
TRANSMITTANCE @430 nm	-- TO PASS TEST
SPECIFIC ROTATION [α] <sub>D</sub>	+14.5 TO+16.5
LOSS ON DRYING	-- 4.5 %
RESIDUE ON IGNITION	-- 0.2 %
HEAVY METALS	-- 0.001 %
CHROMATOGRAPHIC IMPURITIES	-- 2.0 %
5-BENZY-3,6-DIOXO-2-PIPERAZINEACETIC ACID	-- 1.5 %
IDENTIFICATION	-- TO PASS TEST
EXPIRATION DATE	
RESIDUAL SOLVENTS	-- TO PASS TEST