

## CERTIFICATE OF ANALYSIS

<b>Product name</b>	Aspartame		
<b>CAS</b>	22839-47-0		
<b>Test Standard</b>	GB1886.47-2016		
<b>MF</b>	C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>	<b>MW</b>	294.31
<b>Batch Number</b>	20230223	<b>Manufacture Date</b>	20230223
<b>Report Date</b>	20230223	<b>Expiry Date</b>	20250222

Item of Analysis	Specification	Results
Color	White	Conform
Appearance	crystalline particle or powder	Crystalline powder
Assay,%	98.0~ 102.0	98.71%
Specific rotation	+14.5° ~+ 16.59°	+15.05°
Transparence	≥0.95	0.99
PH	4.5~ 6.0	5.35
Loss on Drying,%	≤4.5	2.53%
Residue on ignition,%	≤0.2	0.08%
Pb,mg/kg	≤1	<1 ppm
BDPA,%	≤1.5	0.04%
Other correlates,%	≤1.5	0.61%

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

