

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Adipic acid,pharmaceutical,99.6-101.0%

ITEM NUMBER: A108267  
BRAND: Aladdin  
CAS NUMBER: 124-04-9  
MDL NUMBER: MFCD00004420  
FORMULA: C<sub>6</sub>H<sub>10</sub>O<sub>4</sub>  
MOLECULAR WEIGHT: 146.14

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
As	0 ppm	3 ppm	3 ppm
Assay	99.6 %	101 %	101 %
chloride (Cl-)	0 ppm	50 ppm	50 ppm
heavy metals (as Pb)	0 %	0.001 %	0.001 %
Hg	0 ppm	1 ppm	1 ppm
Iron(Fe)	0 ppm	5 ppm	5 ppm
Loss on drying	0 %	0.2 %	0.2 %
Melting point	151 ° C	154 ° C	154 ° C
nitrate (NO <sub>3</sub> -)	0 ppm	30 ppm	30 ppm
suitability	passes test for appearance of solution		
sulfate (SO <sub>4</sub> <sup>2-</sup> )	0 ppm	500 ppm	500 ppm
Water by Karl Fischer	0 %	0.2 %	0.2 %