



Certificate of Analysis

L-Aspartic Acid Potassium Salt EP

Catalog Number: AA1006
Lot Number: 1228502
CAS Number: 1115-63-5
Synonym(s): Potassium L-aspartate
Molecular Formula: $C_4H_6KNO_4$
Molecular Weight: 171.19
Storage: 15°C – 30°C
Date of Manufacture: December 11, 2015
Retest Date: December 10, 2017

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	$\geq 98.5\%$	99.4%
Specific rotation $[\alpha]_D^{20}$	+18.0° to +20.5°	+19.8°
Solubility (50mg/mL)	Clear & colorless	Conforms
pH	6.0 – 8.0	7.1
Moisture (LOD)	3.0 – 7.0%	5.0%
Ammonium	$\leq 0.02\%$	< 0.02%
Chloride	$\leq 0.02\%$	< 0.02%
Sulfate	$\leq 0.05\%$	< 0.05%
Heavy Metals	$\leq 10\text{ppm}$	< 10ppm
Iron	$\leq 30\text{ppm}$	< 30ppm
Lead	$\leq 1\text{ppm}$	< 1ppm
This lot meets the specifications for EP7.0.		

Approved by:

Date: December 28, 2015

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