



Specification

L-Aspartic Acid Monopotassium Salt

Catalog Number: AA1006
CAS Number: 1115-63-5
Synonym(s): Potassium L-aspartate
Molecular Formula: $C_4H_6NO_4 \cdot K$
Molecular Weight: 171.19
Storage: 15°C – 30°C
Retest Period: Two years from date of manufacture.

Test	Specification
Appearance	White crystal or powder
Assay	≥ 98.5%
Specific rotation $[\alpha]_D^{20}$	+18.0° to +20.5°
Iron	≤ 30 ppm
Sulfate	≤ 0.05%
Chloride	≤ 0.02%
Ammonium	≤ 0.02%
Heavy metals	≤ 10 ppm
Lead	≤ 1 ppm
Loss on drying	3.0% to 7.0%
pH	6.0 – 8.0

Approved:

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