



Specification

Potassium Sorbate Granular NF/FCC

Catalog Number: PS1002
CAS Number: 24634-61-5
Molecular Formula: C₆H₇KO₂
Molecular Weight: 150.21
Storage: 15°C – 30°C
Retest Period: Four years from the date of manufacture

Test	Specification
Appearance	White granules
Assay ^{1,2}	98.0 – 101.0%
Identification	
A Potassium ^{1,2}	To meet requirements
B Color reaction ^{1,2}	To meet requirements
Melting Point	270.0°C – 280.0°C (decomposes)
Moisture (LOD) ^{1,2}	≤ 1.0%
Free Acid (As Sorbic Acid) ^{1,2}	≤ 1.0%
Free Alkali (As K ₂ CO ₃) ^{1,2}	≤ 1.0%
Aldehydes	≤ 0.1%
Heavy Metals	≤ 10ppm
Arsenic	≤ 3ppm
Lead ²	≤ 2ppm
Mercury	≤ 1ppm
Organic Volatile Impurities	To meet requirements
This lot meets NF31 ¹ and FCC VIII ² specifications.	

Approved:

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