



Certificate of Analysis

Potassium Oxalate Monohydrate ACS

Catalog Number: PO1006
Lot Number: 0809801
CAS Number: 6487-48-5
Synonym(s): Ethanedioic acid, Oxalic acid potassium salt
Molecular Formula: $C_2K_2O_4 \cdot H_2O$
Molecular Weight: 184.23
Storage: 15°C – 30°C
Date of Manufacture: July 18, 2018
Retest Date: July 17, 2023

Test	Specification	Result
Appearance	White powder	Conforms
Assay	98.5 – 101.0%	100.83%
Identification	To meet requirements	Conforms
Substances Darkened by Hot H_2SO_4	To meet requirements	Conforms
Neutrality	To meet requirements	Conforms
Insoluble Matter	$\leq 0.01\%$	0.004%
Ammonium	$\leq 0.002\%$	$< 0.002\%$
Chloride	$\leq 0.002\%$	$< 0.002\%$
Sulfate	$\leq 0.01\%$	$< 0.01\%$
Heavy Metals	$\leq 20\text{ppm}$	$< 20\text{ppm}$
Iron	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Sodium	$\leq 0.02\%$	0.0102%

Approved by:

Date: Aug. 7, 2018

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