



Certificate of Analysis

Sodium Oxamate

Catalog Number: SO1003
Lot Number: 1205602
CAS Number: 565-73-1
Molecular Formula: $\text{NH}_2\text{C}_2\text{O}_3\text{Na}$
Molecular Weight: 111.03
Storage: 15°C – 30°C
Date of Manufacture: November 13, 2015
Retest Date: November 12, 2017

Test	Specification	Result
Appearance	White solid	Conforms
Assay	$\geq 98\%$	99.3%
Identification (FTIR)	To match spectra	Conforms
Elemental Analysis		
C	21.1 – 22.1%	21.22%
H	1.80 – 1.95%	1.90%
N	12.1 – 13.1%	12.07%
Melting Point	$\sim 300^\circ\text{C}$	300°C
Solubility (10mg/mL H_2O)	Clear & colorless	Conforms
pH	5.0 – 7.5	7.5
Moisture (KF)	$\leq 0.2\%$	0.1%
Cation (Sodium by ICP)	19.0 – 22.0%	19.10%

Approved by:

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