

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs
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Certificate of Analysis

Sodium Malonate Dibasic

Catalog Number:SM1009Lot Number:1110401CAS Number:141-95-7

Synonym: Malonic Acid Disodium Salt, Propanedioic Acid Disodium Salt

Molecular Formula: CH₂(COONa)₂

Molecular Weight:148.03Storage:15°C - 30°CDate of Manufacture:July 24, 2014Retest Date:July 23, 2016

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	≥ 98.5%	99.33%
Moisture (LOD)	≤ 1.0%	0.39%
Chloride	≤ 0.05%	< 0.05%
Sulfate	≤ 0.02%	< 0.02%
Heavy Metals	≤ 20ppm	< 20ppm

Date: November 10, 2014

Approved by:

John Grubb, PhD

Gojira Fine Chemicals, LLC

John Grubb

QA/QC Manager

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