

Certificate of Analysis

Compound Information

Product Name:	Manganese(IV) oxide
Cat. No.:	1087039
CAS No.:	1313-13-9
Molecular Formula:	MnO ₂
Molecular Weight:	86.94
Chemical Structure:	



Batch Information

Batch No.:	Lg0417237243
Storage:	Store at room temperature
Test Date:	2023-04-17
Retest Date:	2028-04-16
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	Brown to black (Solid)	Black (Powder)
Assay, ω/%:	≥92.0	92.73
Moisture, ω/%:	≤3.0	1.62
Iron(Fe), ω/%:	≤0.05	37ppm
Copper(Cu), ω/%:	≤0.002	1.1ppm
Lead(Pb), ω/%:	≤0.01	0.2ppm
Over (100 mesh), ω/%:	≥98.0	100
Over (325 mesh), ω/%:	≥80	89.8
pH:	5.0-7.0	6.64

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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