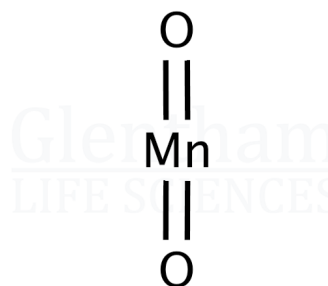


Certificate of Analysis

Product Name	Manganese(IV) oxide, 99.9%
Glenthams Code	GK4401
CAS Number	1313-13-9
EINECS	215-202-6
MDL Number	MFCD00003463
PubChem SID	310276012
Batch Number	238UBZ
Molecular Weight	86.94
Molecular Formula	MnO ₂
Storage Temp.	+20°C



Property	Specification	Batch 238UBZ
Physical Description	Grey to black powder or crystals	Black powder
HCl Insolubles	≤ 0.1%	Conforms
Trace Metal Analysis	Reported (ppm)	Li: ≤80; Co: ≤80; Al: ≤90; Mg: ≤70; Zn: ≤50; K: ≤50; Ba: ≤50; Pr: ≤50; Fe: ≤150; Pb: ≤90
Purity (Trace Metals Basis)	≥ 99.9%	99.9%
Specification Version	v1.1	
Manufacture Date	2023-03-26	
Re-Test Date	2031-05-05	

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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