



Celtic Chemicals Ltd

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Product Specification

Manganese Nitrate Crystal

Product Description

Chemical Description : Manganese Nitrate Crystal 75% w/w as Mn(NO₃)₂

Grade : 75% w/w as Mn(NO₃)₂

Product Code : P204

Issue : 4

Issue Date : 14-May-2008

Chemical Information

Molecular weight : 178.95 + aq

Molecular formula : Mn(NO₃)₂ + aq

General Description : Pink liquid/crystal

Hazard Information

U.N. No. : 2724

Proper Shipping Name : Manganese Nitrate

EEC No. : 236-196-1

Hazard Class : 5.1

Packing Group : III

CAS No : 17141-63-8

Tariff No. : 2834 29 80

Specification

Assay		75.0 - 77.0 % w/w
Cu	Max	6 ppm
Fe	Max	6 ppm
Pb	Max	6 ppm
Ca	Max	6 ppm
Zn	Max	6 ppm
Na	Max	6 ppm
Cd	Max	6 ppm
Ni	Max	10 ppm
Co	Max	10 ppm
Cl	Max	5 ppm
SO ₄	Max	200 ppm
NH ₄	Max	50 ppm
Free Acid	Max	0.5 %
S.G. @ 60oC	Min	1.950
MnO ₂ yield after decomposition @ 250oC	Min	36.0 %
pH 5% w/v @ 25oC		1.5 - 3.2





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Packaging : Packaging supplied meets with UN performance standards

