

neoFroxx GmbH

Marie-Curie-Str. 3
D-64683 Einhausen

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Specification

Product	Magnesium sulfate heptahydrate p.A.
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Product number	LC-4752 (revised)
Synonym(s)	Epsom salt, Bitter salt
Formula	MgSO ₄ · 7 H ₂ O
Molecular weight	246.48 g/mol
CAS number	10034-99-8
Storage	below 25°C
Retest period (months)	60

Parameter	Specification
Assay (titr.)	min. 99.5 - 102.0 %
pH (5 % in water)	5.0 - 9.2
Insoluble matter (in water)	max. 0.01 %
Insoluble matter in water	max. 0.005 %
Chloride (Cl)	max. 0.15 %
Ammonium (NH ₄)	max. 0.002 %
Phosphate (PO ₄)	max. 0.001 %
Nitrate (NO ₃)	max. 0.001 %
As	max. 0.00005 %
Heavy metals (as Pb)	max. 0.0005 %
Ag	max. 0.0005 %
Al	max. 0.0005 %
Au	max. 0.0005 %
B	max. 0.0005 %
Be	max. 0.0005 %
Bi	max. 0.0005 %
Ca	max. 0.05 %
Cd	max. 0.0005 %
Co	max. 0.0005 %
Cr	max. 0.0005 %
Cu	max. 0.0005 %
Fe	max. 0.0005 %
Ga	max. 0.0005 %
Ge	max. 0.0005 %
In	max. 0.0005 %
K	max. 0.005 %

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Specification

Parameter	Specification
Li	max. 0.0005 %
Mn	max. 0.0001 %
Mo	max. 0.0005 %
Na	max. 0.005 %
Ni	max. 0.0005 %
Pb	max. 0.0005 %
Sb	max. 0.0005 %
Se	max. 0.0005 %
Si	max. 0.0005 %
Sn	max. 0.0005 %
Sr	max. 0.005 %
Ti	max. 0.0005 %
Zn	max. 0.0005 %
Zr	max. 0.0005 %

Einhausen, 30.11.2023 (revised)