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Specification

Product	Ammonium heptamolybdate tetrahydrate p.A.
Brand	Labochem

Product number	LC-8777
Synonym(s)	Ammonium orthomolybdate, Diammonium molybdate
Formula	$(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4 \text{H}_2\text{O}$
Molecular weight	1235.86 g/mol
CAS number	12054-85-2
Storage	below 25°C
Retest period (months)	60

Parameter	Specification
Assay (as MoO_3)	81.0 - 83.0 %
Assay	min. 99.0 %
Insoluble matter	max. 0.005 %
Chloride (Cl)	max. 0.0005 %
Nitrate (NO_3)	passes test
Phosphate (PO_4)	max. 0.0005 %
Phosphate, Arsenate,	max. 0.0005 %
Sulfate (SO_4)	max. 0.005 %
Heavy metals (as Pb)	max. 0.001 %
Cu	max. 0.001 %
Fe	max. 0.0005 %
Mg	max. 0.005 %
K	max. 0.002 %
Na	max. 0.01 %
Pb	max. 0.001 %

Einhausen, 18.06.2020