



## Specification

Concerning Product:	
Article number	10102406A
Trade name / designation / denomination	SODIUM MOLYBDATE 2-HYDRATE
CAS number	10102-40-6
Other names / synonyms	•MOLYBDIC ACID; •MOLYBDIC ACID, ACS; •Molybdate (MoO4 <sup>2-</sup> ), sodium, hydrate (1:2:2), (T-4)-; •Sodium Molybdate, Dihydrate, Crystal, CP; •Sodium Molybdate, Dihydrate, Crystal, Reagent, ACS; •Sodium molybdate dihydrate; •Sodium molybdenum oxide dihydrate; •Sodium molybdenum oxide dihydrate, ACS, 99.5-103.;
EC number	600-158-6
Customs tariff number / CN code / TARIC	28417000
Molecular weight [g / mol]	223.932
Formula	H2MoNa2O5

Parameter	Test Method	Specification	Unit
<b>Physical parameter</b>			
Substances insoluble	Water	≤ 0,005	%
<b>Identity</b>			
Assay	Mo	≥ 39,5	%
<b>Impurities</b>			
Ammonium		≤ 0,005	%
Sulphates (SO <sub>4</sub> )		≤ 0,01	%
<b>Elemental Impurities</b>			
Aluminium (Al)		≤ 0,001	%
Calcium (Ca)		≤ 0,001	%
Chlorides (Cl)		≤ 0,005	%
Chromium (Cr)		≤ 0,001	%
Copper (Cu)		≤ 0,001	%
Iron (Fe)		≤ 0,001	%
Magnesium (Mg)		≤ 0,001	%
Manganese (Mn)		≤ 0,001	%
Nickel (Ni)		≤ 0,001	%
Phosphorus (P)		≤ 0,001	%
Lead (Pb)		≤ 0,001	%
Silicon (Si)		≤ 0,001	%
Titanium (Ti)		≤ 0,001	%
Vanadium (V)		≤ 0,001	%
Zinc (Zn)		≤ 0,001	%

Chemische Werke Hommel GmbH & Co.KG  
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Waltrop, 21. Oct. 2021

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