TABELLA delle

MASSE MOLARI (g/mol)

di elementi e composti più comuni

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TABELLA 3 – *Peso formula di sostanze comuni*

Ag	
Ag	107,868
AgBr	187,772
AgCN	133,885
Ag_2CO_3	275,744
AgCl	143,321
AgI	234,772
$AgNO_3$	169,871
AgNCS	165,945
Ag_2O	231,735
Ag_2S	247,796
Ag_2SO_4	311,792
Ag_2CrO_4	331,728
$Ag_2Cr_2O_7$	431,721
Al	
Al	26,981
$AlCl_3$	133,340
AlF_3	83,976
Al_2O_3	101,959
$Al(OH)_3$	78,002
$Al_2(SO_4)_3$	342,130
As	
As	74,921
As_2O_3	197,839
As_2O_5	229,837
As_2S_3	246,022
As_2S_5	310,142
Au	
Au	196,966
$AuCl_3$	303,325
B	
B	10,81
BF_3	67,804
B_2O_3	69,617
Ba	
Ba	137,34
$BaCO_3$	197,348
$BaCl_2$	208,246
$BaCrO_4$	253,332
BaF_2	175,336
$Ba(NO_3)_2$	261,347
BaO	153,339
BaO_2	169,338
$Ba(OH)_2$	171,354
$BaSO_3$	217,397
$BaSO_4$	233,396
Be	
Be	9,012
$BeCO_3$	69,020
BeO	25,011
Bi	
Bi	208,980
Bi_2O_3	465,957
BiOCl	260,432
Bi_2S_3	514,140
Br	
Br	79,904
Br_2O_3	207,808
C	
C	12,011
CH_2	14,027
CH_3	15,035
CH_4	16,043
C_6H_6	78,114
CN	26,017
CO	28,010
CO_2	44,009
CS_2	76,131
Ca	
Ca	40,08
CaC_2	64,102
$CaCN_2$	66,097

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$CaCO_3$	100,088	**Cs**	
$CaCl_2$	110,986	Cs	132,905
CaF_2	78,076	Cs_2SO_4	361,870
CaO	56,079		
$Ca(OH)_2$	74,094	**Cu**	
$Ca(NO_3)_2$	164,087	Cu	63,546
$CaHPO_4$	136,057	$CuCl_2$	134,452
$Ca_3(PO_4)_2$	310,179	CuNCS	121,623
$CaSO_3$	120,137	Cu_2O	143,091
$CaSO_4$	136,136	CuO	79,545
		Cu_2S	159,152
Cd		CuS	95,606
Cd	112,40	$CuSO_4$	159,602
$CdCl_2$	183,306		
CdO	128,399	**F**	
CdS	144,460	F	18,998
$CdSO_4$	208,456		
Ce		**Fe**	
Ce	140,120	Fe	55,847
$CeCl_3$	246,479	$FeAs_2$	205,689
Ce_2O_3	328,237	$FeCl_2$	126,753
CeO_2	172,118	$FeCl_3$	162,206
		$FeCl_3 \cdot 6H_2O$	270,296
Cl		FeO	71,846
Cl	35,453	Fe_3O_4	231,537
Cl_2O	86,905	Fe_2O_3	159,691
ClO_2	67,451	$Fe(OH)_3$	106,868
Cl_2O_7	182,899	FeS	87,907
		FeS_2	119,967
Co		$FeSO_4$	151,903
Co	58,933	$FeSO_4 \cdot 7H_2O$	278,008
$CoCl_2 \cdot 6H_2O$	237,929	$Fe_2(SO_4)_3$	399,862
CoO	74,932		
$CoSO_4$	154,989	**H**	
$CoSO_4 \cdot 7H_2O$	281,094	H	1,008
		H_3AsO_4	141,941
Cr		$HAuCl_4$	339,840
Cr	51,996	HBr	80,912
Cr_3O_4	219,984	H_3BO_3	61,831
Cr_2O_3	151,989	HCN	27,025
		H_2CO_3	62,024

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$H_2C_2O_4$	90,034	**K**	
HCl	36,461	K	39,102
HClO	52,460	$KAl(SO_4)_2 \cdot 12H_2O$	474,375
$HClO_3$	84,458	KBr	119,006
$HClO_4$	100,457	$KBrO_3$	167,003
HF	20,006	KCN	65,119
HI	127,912	K_2CO_3	138,212
HIO_3	175,909	$K_2CO_3 \cdot 2H_2O$	174,242
HNCS	59,085	KCl	74,555
HNO_2	47,012	$KClO_3$	122,552
HNO_3	63,011	K_2CrO_4	194,196
H_2O	18,015	$K_2Cr_2O_7$	294,189
$2H_2O$	36,030	$KCr(SO_4)_2 \cdot 12H_2O$	499,390
$3H_2O$	54,045	KF	58,100
$4H_2O$	72,060	$K_3Fe(CN)_6$	329,259
$5H_2O$	90,075	$K_4Fe(CN)_6$	368,361
$6H_2O$	108,090	$KHCO_3$	100,118
H_2O_2	34,014	KH_2PO_4	136,087
H_3PO_2	65,996	KI	166,006
H_3PO_3	81,995	KIO_3	214,003
H_3PO_4	97,994	$KMnO_4$	158,036
H_2PtCl_6	409,824	KNCS	97,179
H_2S	34,076	KNO_2	85,106
$H_2S_2O_3$	114,133	KNO_3	101,105
H_2SO_3	82,073	K_2O	94,203
H_2SO_4	98,072	KOH	56,109
$H_2S_2O_8$	194,128	K_2HPO_4	174,186
H_2SiF_6	144,090	K_3PO_4	212,275
		K_2PtCl_6	485,994
Hg		K_2SO_4	174,260
		K_2SiF_6	220,280
Hg	200,59		
$Hg(CN)_2$	252,625	**La**	
Hg_2Cl_2	472,086	La	138,905
$HgCl_2$	271,496	La_2O_3	325,808
HgO	216,589		
HgS	232,650	**Li**	
		Li	6,941
I		Li_2CO_3	73,890
I	126,904	LiCl	42,394
I_2O_5	333,804	Li_2O	29,881

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$LiNO_3$	68,944	$(NH_4)_2HPO_4$	132,053
Li_3PO_4	115,792	NH_4HSO_4	115,102
Li_2SO_4	109,938	NH_4I	144,942
		$NH_4MgPO_4 \cdot 6H_2O$	245,403
Mg		NH_4NO_2	64,042
Mg	24,305	NH_4NO_3	80,041
$MgCO_3$	84,313	N_2O	44,012
$MgCl_2$	95,211	NO	30,005
$MgCl_2 \cdot 6H_2O$	203,301	N_2O_3	76,010
$Mg(HCO_3)_2$	146,337	NO_2	46,004
$MgNH_4PO_4 \cdot 6H_2O$	245,403	N_2O_4	92,008
MgO	40,304	N_2O_5	108,007
$Mg(OH)_2$	58,319	$(NH_4)_2S_2O_8$	228,188
$Mg_2P_2O_7$	222,550	NH_4VO_3	116,976
$MgSO_4$	120,361		
$MgSO_4 \cdot 7H_2O$	246,466	**Na**	
		Na	22,9898
Mn		$Na_2B_4O_7$	201,212
Mn	54,938	NaBr	102,893
$MnCl_2 \cdot 4H_2O$	167,271	NaCN	49,007
MnO	70,937	Na_2CO_3	105,987
Mn_3O_4	228,810	$Na_2CO_3 \cdot 10H_2O$	286,137
MnO_2	86,936	NaCl	58,442
MnS	86,998	NaClO	74,441
$MnSO_4$	150,994	$NaClO_3$	106,439
$MnSO_4 \cdot 7H_2O$	277,099	$NaClO_4$	122,438
		NaF	41,988
Mo		$NaHCO_3$	84,005
Mo	95,94	NaH_2PO_4	119,975
MoO_3	143,937	Na_2HPO_4	141,957
MoS_2	160,060	NaHS	56,057
		$NaHSO_3$	104,054
N		$NaHSO_4$	120,053
N	14,0067	NaI	149,894
NCS	58,077	$NaIO_3$	197,891
NH_3	17,030	NaNCS	81,067
$6NH_3$	102,184	$NaNO_2$	68,994
NH_4Br	97,942	$NaNO_3$	84,993
NH_4Cl	53,491	Na_2O	61,978
NH_4F	37,036	Na_2O_2	77,977
$(NH_4)_2Fe(SO_4)_2 \cdot 6H_2O$	392,125	NaOH	39,996
		Na_3PO_4	163,939

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$Na_4P_2O_7$	265,899
Na_2S	78,039
$Na_2S_2O_3$	158,096
Na_2SO_3	126,036
Na_2SO_4	142,036
Ni	
Ni	58,71
$NiCl_2$	129,616
$NiCl_2 \cdot 6H_2O$	237,706
NiO	74,709
NiS	90,77
$NiSO_4$	154,766
$NiSO_4 \cdot 7H_2O$	280,871
O	
O	15,999
OH	17,007
3OH	51,021
P	
P	30,9738
PBr_3	270,685
PCl_3	137,332
PCl_5	208,238
P_2O_5	141,942
P_4O_6	219,889
P_4O_{10}	283,885
Pb	
Pb	207,2
$PbCO_3$	267,208
$PbCl_2$	278,106
$PbCrO_4$	323,192
$Pb(NO_3)_2$	331,207
Pb_2O_3	462,397
Pb_3O_4	685,596
PbO_2	239,198
PbS	239,26
$PbSO_4$	303,256
Pd	
Pd	106,4
Pt	
Pt	195,090
Rb	
Rb	85,468
RbCl	120,920
Rb_2SO_4	266,990
Rb_2O	186,933
S	
S	32,06
SO_2	64,058
SO_3	80,057
Sb	
Sb	121,75
$SbCl_3$	228,109
Sb_2O_3	291,497
Sb_2O_5	323,495
Sb_2S_3	339,680
Sb_2S_5	403,800
Se	
Se	78,96
SeO_2	110,958
SeO_3	126,957
Si	
Si	28,086
SiF_4	104,079
$SiCl_4$	169,898
SiO_2	60,084
Sn	
Sn	118,69
$SnCl_2$	189,596

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$SnCl_4$	260,502	**U**	
SnO	134,689	U	238,029
SnO_2	150,688	UO_2	270,027
		U_3O_8	842,079
Sr			
Sr	87,62	**V**	
$SrCO_3$	147,628	V	50,941
$SrCl_2$	158,526	V_2O_3	149,879
$Sr(NO_3)_2$	211,627	V_2O_5	181,877
SrO	103,619		
$SrSO_4$	183,676	**W**	
		W	183,85
Ti		WO_3	231,847
Ti	47,90	WS_2	247,97
$TiCl_3$	154,259		
$TiCl_4$	189,712	**Zn**	
TiO_2	79,898	Zn	65,37
		$ZnCO_3$	125,378
Tl		$ZnCl_2$	136,276
Tl	204,37	ZnO	81,369
TlCl	239,823	ZnS	97,43
TlI	331,274	$ZnSO_4$	161,426
Tl_2O_3	456,737	$ZnSO_4 \cdot 7H_2O$	287,531