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| **Kammrätsel Chemische Formelsprache** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Die Lösungswörter haben folgende Bedeutung** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1) NaI | | | | | | | | | | | | | | | | | | | | | 22) Formel von Bariumoxid | | | | | | | | | | | | | | | | | | | |
| 2) K2O | | | | | | | | | | | | | | | | | | | | | 23) BaCl2 | | | | | | | | | | | | | | | | | | | |
| 3) 7. Hauptgruppe | | | | | | | | | | | | | | | | | | | | | 24) Element mit dem chemischen Symbol S | | | | | | | | | | | | | | | | | | | |
| 4) Zahl der Hauptgruppen | | | | | | | | | | | | | | | | | | | | | 25) Zahl der Wasserstoffatome in Biogas | | | | | | | | | | | | | | | | | | | |
| 5) chemischer Name für Biogas, Formel CH4 | | | | | | | | | | | | | | | | | | | | | 26) BI3 | | | | | | | | | | | | | | | | | | | |
| 6) Zahl der Bindungen der Elemente in der 4. Hauptgruppe | | | | | | | | | | | | | | | | | | | | | 27) Schwefelverbindungen der 1. Hauptgruppe | | | | | | | | | | | | | | | | | | | |
| 7) Al2O3 | | | | | | | | | | | | | | | | | | | | | 28) chemischer Vorgang | | | | | | | | | | | | | | | | | | | |
| 8) Zahl der N-Atome in Natriumnitrid | | | | | | | | | | | | | | | | | | | | | 29) K3N | | | | | | | | | | | | | | | | | | | |
| 9) Abkürzung für die Elementetafel | | | | | | | | | | | | | | | | | | | | | 30) Formel für Zinksulfid (Zink ist zweibindig) | | | | | | | | | | | | | | | | | | | |
| 10) Stoff mit der Formel NaCl | | | | | | | | | | | | | | | | | | | | | 31) kleinstes Teilchen eines Elementes | | | | | | | | | | | | | | | | | | | |
| 11) chemischer Name für 10) | | | | | | | | | | | | | | | | | | | | | 32) an ein Atom angehängte Zahl | | | | | | | | | | | | | | | | | | | |
| 12) Vorzahl in einer Reaktionsgleichung | | | | | | | | | | | | | | | | | | | | | 33) Spalte des Periodensystems | | | | | | | | | | | | | | | | | | | |
| 13) MgF2 | | | | | | | | | | | | | | | | | | | | | 34) Fachausdruck: ………….. einer Reaktionsgleichung | | | | | | | | | | | | | | | | | | | |
| 14) NaOH | | | | | | | | | | | | | | | | | | | | | 35) Formel von Calciumoxid | | | | | | | | | | | | | | | | | | | |
| 15) Flammenfärbung von Ba | | | | | | | | | | | | | | | | | | | | | 36) Na2O | | | | | | | | | | | | | | | | | | | |
| 16) CaCO3 | | | | | | | | | | | | | | | | | | | | | 37) Flammenfärbung K | | | | | | | | | | | | | | | | | | | |
| 17) Zahl der Bindungen der Elemente in der 5. Hauptgruppe | | | | | | | | | | | | | | | | | | | | | 38) umgangssprachlicher Ausdruck für Fe2O3 | | | | | | | | | | | | | | | | | | | |
| 18) Flammenfärbung Na | | | | | | | | | | | | | | | | | | | | | 39) SrO | | | | | | | | | | | | | | | | | | | |
| 19) Formel von Caesiumbromid | | | | | | | | | | | | | | | | | | | | | 40) Formel für Bariumsulfid | | | | | | | | | | | | | | | | | | | |
| 20) Ba3P2 | | | | | | | | | | | | | | | | | | | | | 41) kleinste Teilchen einer Verbindung | | | | | | | | | | | | | | | | | | | |
| 21) HBr | | | | | | | | | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | | | | |

Die Lösung liefert folgende Begriffe:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | **N** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **i** | **o** | **o** |  | **e** | **v** | **i** |  |  | **K** | **m** | **K** | **u** | **d** |  | **a** | **d** | **g** |  | **u** | **s** |  | **u** | **S** | **v** | **o** | **l** | **a** | **m** |  |  | **n** |  | **e** |  | **N** |  |  | **r** |  | **u** |
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Das Lösungswort lautet: **Die chemische Formelsprache ist international**