

Test no.	Input	Description	Result	Test file
1	{ }	Empty object	Passed	valid_empty_object.test
2	[]	Empty array	Passed	valid_empty_array.test
3	[1, 2, 3, 4]	Simple array	Passed	valid_array.test
4	{ "key": "" }	Empty string	Passed	valid_empty_string.test
5	{ "key 1": 21, "key 2": 1.2132, "key 3": 0.2554545435e-3 }	Multiple key: value members. Numbers in integer, decimal and exponential format	Passed	valid_numbers.test
6	{ "key": [1, "", true, false, null] }	Value as array of values: number, empty string, boolean and null literals	Passed	valid_array_value.test
7	{ "𐀀𐀁𐀂𐀃𐀄": "𐀅𐀆𐀇𐀈𐀉𐀊" }	Strings of unicode characters	Passed	valid_unicode.test
8	{ "pound": "£", "euro": "€" }	Strings of unicode currencies	Passed	valid_pound_euro.test
9	{ "\"": "single quotation marks", "\\": "single backslash", "\b": "backspace", "\f": "form feed", "\n": "new line", "\r": "carriage return", "\t": "tab", "\u0A0C": "Character U+0A0C" }	Valid escape sequences	Passed	valid_escape_seqs.test
10	{ "key 1": "\\", "key 2": "/" }	Valid slash - first escaped and then the actual character	Passed	valid_slash.test
11	{ "key": "\\uWXYZ" }	Valid string - escaped slash followed by the actual uWXYZ characters.		valid_tricky_string.test
12	{ "key 1": { "key 1.1": ["abc", 0.2214e-23], "key 1.2": { "key 1.2.1": "test1", "key 1.2.2": "test2", "key 1.2.3": 0.223524, "key 1.2.4": true } }, "key 2": null, "key 3": false, "key 4": [], "key 5": {} }	Nested items	Passed	valid_nested_items.test
13	{	Single curly bracket, i.e. unfinished object.	Fails	invalid_single_curly.test
14	{ "key": +-42 }	Invalid numeric format	Fails	invalid_number.test
15	{ "key": 42e+42 }	Invalid numeric format	Fails	invalid_number1.test

Test no.	Input	Description	Result	Test file
16	{"key": 007}	Invalid numeric format	Fails	invalid_james_bond.test
17	{"key": 45+71}	Invalid value	Fails	invalid_value.test
18	{"key": [1,2,3,,]}	Invalid array - extra comma	Fails	invalid_array.test
19	{"key": [1,2,3}	Unfinished array - square bracket not closed	Fails	invalid_array1.test
20	{true}	Invalid object - no pairs	Fails	invalid_no_pair.test
21	{:}	Invalid pair, i.e. no key or value	Fails	invalid_pair.test
22	{key: "value"}	Invalid key - should be string.	Fails	invalid_key.test
23	{" <i>bell</i> ": "control character"}	Invalid string - contains the actual control character U+0007	Fails	invalid_control_char.test
24	{"key": "\uDEFG"}	Invalid string - contains single backslash, i.e. \u not followed by 4 hex digits so not escape seq.		invalid_u_seq.test