IMPHAL, WEDNESDAY, FEBRUARY 01, 2023 ꯌꯨꯝꯁꯀꯩꯁ, ꯐꯥꯏꯔꯦꯟꯒꯤ 11ꯅꯤ ꯄꯥꯟꯕ, ꯃꯥꯂꯤꯌꯥ ꯀꯨꯝꯁꯤꯡ 3420
ꯄꯥꯎꯆꯦ ꯑꯁꯤꯗ ꯐꯣꯡꯖꯔꯤꯕ ꯋꯥꯔꯦꯡꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜ, ꯃꯤꯠꯌꯦꯡ ꯑꯏꯕ ꯃꯁꯥ ꯃꯁꯥꯒꯤꯅꯤ꯫ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯋꯥꯈꯜꯂꯣꯟ ꯑꯃꯁꯨꯡ ꯃꯤꯠꯌꯦꯡꯒ ꯊꯣꯏꯗꯣꯛꯅ ꯃꯔꯤ ꯂꯩꯅꯗꯦ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ
ꯌꯨꯝꯁꯀꯩꯁ, ꯐꯦꯕ꯭ꯔꯨꯋꯥꯔꯤ 01, 2023, ꯏꯝꯐꯥꯜ
14 ꯁꯨꯕ ꯆꯍꯤ, 279 ꯁꯨꯕ ꯃꯁꯤꯡ

obT\ꯂꯩ ꯃꯀꯩꯋ꯭ꯀ 2 ꯑꯦꯗꯤꯇꯣꯔꯤꯌꯦꯜ HUEIYEN LANPAO

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ-99
1) ‘‘ꯅꯥꯎꯍꯣꯡ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ ꯑꯃꯁꯨꯡ ꯂꯥꯏꯔꯤꯛ
ꯑꯁꯤ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ?

2) “ꯌꯨꯈꯜ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ ꯑꯃꯁꯨꯡ
knan Ibno?

3) “ꯃꯤꯇꯩ ꯂꯣꯟꯒꯩꯗ ꯂꯣꯟꯌꯥꯟ” ꯀꯧꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯃꯄꯥꯟ ꯃꯅꯤꯄꯨꯔꯒꯤ
ꯁꯛꯅꯥꯏꯔꯕ ꯑꯏꯕ ꯑꯃꯅ ꯈꯣꯝꯖꯤꯟꯗꯨꯅ ꯄꯨꯊꯣꯔꯛꯄꯅꯤ꯫ ꯈꯣꯝꯖꯤꯟꯗꯨꯅ
ꯄꯨꯊꯣꯔꯛꯂꯤꯕ ꯑꯁꯤ ꯀꯅꯥꯅꯣ?
4) “ꯆꯤꯡꯌꯥꯗ ꯇꯝꯌꯥꯗ ꯍꯩꯀꯣꯜꯗ ꯂꯩꯀꯣꯜꯗ/ꯏꯁꯤꯡ ꯆꯥꯏꯕꯤꯅ ꯃꯔꯩ ꯍꯥ-ꯍꯥ
ꯇꯝꯕꯗ/ꯂꯣꯛꯅꯨꯡꯒꯤ ꯏꯐꯨꯠ ꯃꯆꯥꯅ ꯇ꯭ꯔꯣꯡ-ꯇ꯭ꯔꯣꯡ ꯂꯥꯎꯅ ꯆꯦꯟꯕꯗ/
ꯁꯪꯕꯥꯟꯅꯕ ꯑꯇꯤꯌꯥꯗ ꯎꯆꯦꯛꯅ ꯄꯥꯏꯕꯗ/ꯑꯍꯤꯡꯗ ꯆꯤꯡꯖꯥꯎꯅ ꯇꯨꯃꯤꯟ
ꯇꯨꯃꯤꯟ ꯂꯦꯞꯄꯗ/ꯃꯦꯡꯂꯕ ꯃꯦꯔꯥꯒꯤ ꯊꯥꯕꯜꯗ/ꯁꯨꯝꯍꯠꯆꯔꯕꯁꯨ ꯃꯍꯧꯁꯥꯒꯤ
ꯐꯖꯕꯗ/ꯏꯅꯤꯡꯂꯨꯗꯦ ꯁꯩꯊꯥꯗꯨꯅ ꯁꯩꯔꯦꯡ/ꯑꯗꯨꯅ ꯊꯤ ꯑꯩꯅ ꯑꯅꯧ-ꯑꯅꯧꯕ ꯃꯈꯜ꯫”
ꯁꯩꯔꯦꯡ ꯃꯇꯦꯛ ꯑꯁꯤ ꯀꯅꯥꯅ ꯏꯕ ꯂꯥꯏꯔꯤꯛꯇ ꯌꯥꯎꯕ ꯀꯔꯤ ꯁꯩꯔꯦꯡꯗꯒꯤ
ꯂꯧꯊꯣꯔꯛꯄꯅꯣ?
5) “ꯍꯩꯗꯤ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯃꯅꯤꯄꯨꯔꯤꯗ ꯀꯅꯥꯅ ꯍꯟꯗꯣꯛꯄ ꯂꯥꯏꯔꯤꯛꯅꯣ
ꯃꯁꯤꯒꯤ ꯑꯣꯔꯤꯖꯤꯅꯦꯜ ꯑꯏꯕꯗꯨ ꯃꯃꯤꯡ ꯀꯔꯤ ꯀꯧꯕꯒꯦ?

ꯃꯊꯛꯇ ꯄꯤꯔꯤꯕ ꯋꯥꯍꯪꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯄꯥꯎꯈꯨꯝ februBwari 15, ꯌꯨꯝꯁꯀꯩꯁꯥ
ꯅꯨꯃꯤꯠꯀꯤ ꯑꯌꯨꯡ ꯄꯨꯡ 11 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗ ꯄꯥꯎꯆꯦ ꯑꯁꯤꯒꯤ ꯑꯣꯐꯤꯁꯇ ꯅꯠꯇ꯭ꯔꯒ
I-meL hueiyenliteraryquiz@gmail.com sid meL AoIn
ꯊꯥꯕꯤꯔꯛꯄ ꯌꯥꯒꯅꯤ꯫ ꯄꯥꯎꯈꯨꯝ ꯄꯤꯕꯤꯔꯛꯄ/ꯊꯥꯕꯤꯔꯛꯄ ꯃꯇꯝꯗ ꯃꯤꯡ, ꯂꯩꯐꯝ,
ꯃꯍꯩꯒꯤ ꯊꯥꯛ ꯑꯃꯁꯨꯡ ꯀꯟꯇꯦꯛꯠ ꯅꯝꯕꯔ ꯃꯌꯦꯛ ꯁꯦꯡꯅ ꯏꯕꯤꯔꯛꯎ꯫
ꯋꯥꯍꯪ ꯈꯨꯗꯤꯡꯃꯛꯀꯤ ꯄꯥꯎꯈꯨꯝ ꯆꯨꯝꯅ ꯅꯠꯇ꯭ꯔꯒ ꯃꯁꯤꯡ ꯌꯥꯝꯅ ꯆꯨꯝꯅ
ꯄꯤꯕꯤꯔꯛꯄ ꯃꯤꯑꯣꯏꯁꯤꯡ ꯑꯗꯨꯗꯒꯤ ꯗ꯭ꯔꯣ ꯑꯣꯠꯆꯔꯒ ꯂꯥꯏꯕꯛ ꯐꯕ ꯃꯤꯁꯛ
ꯑꯃ ꯈꯟꯖꯒꯅꯤ꯫ ꯂꯣꯏꯅꯅ ꯈꯜꯂꯕ ꯃꯤꯁꯛ ꯑꯗꯨꯗ ꯃꯅꯥ ꯄꯤꯖꯒꯅꯤ꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ - 98 ꯒꯤ ꯄꯥꯎꯈꯨꯝ
1) ‘‘ꯑꯊꯨꯏꯂꯨꯒꯤ ꯃꯪꯂꯥꯟ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ ꯑꯃꯁꯨꯡ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ? :- ꯑꯏꯕ - ꯔꯦꯖꯦꯟ ꯈꯨꯃꯨꯛꯆꯝ; ꯂꯥꯏꯔꯤꯛꯀꯤ ꯃꯈꯜ
- ꯋꯥꯔꯤꯃꯆꯥꯒꯤ ꯈꯣꯝꯖꯤꯟꯕ; ꯑꯍꯥꯟꯕ ꯐꯣꯡꯕ 2010꯫
2) “ꯃꯁꯤꯅ ꯑꯩꯒꯤ ꯁꯥꯈꯤꯅꯤ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ ꯑꯃꯁꯨꯡ ꯃꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ? :- ꯂꯥꯏꯔꯤꯛꯀꯤ ꯃꯈꯜ - ꯂꯝꯀꯣꯏ ꯋꯥꯔꯤ; ꯑꯏꯕ - ꯑꯦꯁ ꯑꯩꯆ : ꯄ꯭ꯔꯍꯂꯥꯗ ꯁꯔꯃ; ꯑꯍꯥꯟꯕ ꯐꯣꯡꯕ ꯑꯣꯒꯁꯠ 2012꯫
3) “ꯖꯌ ꯖꯌꯟꯇꯤ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯑꯣꯔꯤꯖꯤꯅꯦꯜ ꯑꯏꯕ ꯀꯅꯥꯒꯤ ꯀꯔꯤ ꯂꯣꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯇꯒꯤ ꯀꯅꯥꯅ ꯃꯅꯤꯄꯨꯔꯤꯗ ꯍꯟꯗꯣꯛꯄꯅꯣ?
:- ꯑꯣꯔꯤꯖꯤꯅꯦꯜ ꯑꯏꯕ ꯑꯃꯁꯨꯡ ꯂꯣꯜ - ꯙꯅꯟꯖꯣꯏ ꯕꯩꯔꯥꯒꯤ ꯕꯦꯡꯒꯂꯤ ꯂꯣꯜꯗ ꯏꯕ; ꯃꯅꯤꯄꯨꯔꯤꯗ ꯍꯟꯗꯣꯛꯄ - ꯗꯥ. ꯆꯣꯡꯊꯥꯝ ꯅꯔꯦꯟꯗ꯭ꯔ ꯁꯤꯡꯍ; ꯑꯍꯥꯟꯕ ꯐꯣꯡꯕ ꯃꯦ
2009>

4) “ꯃꯤꯡꯁꯦꯜꯗ ꯂꯩꯆꯤꯜ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ ꯑꯃꯗꯤ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤ ꯀꯔꯝꯕ ꯃꯈꯜꯒꯤ ꯂꯥꯏꯔꯤꯛꯅꯣ? :- ꯑꯏꯕ - ꯃꯨꯐꯤꯗꯨꯟ ꯅꯤꯁꯥ; ꯂꯥꯏꯔꯤꯛꯀꯤ ꯃꯈꯜ - ꯃꯅꯤꯄꯨꯔꯤ ꯁꯩꯔꯦꯡꯒꯤ ꯈꯣꯝꯖꯤꯟꯕ; ꯑꯍꯥꯟꯕ ꯐꯣꯡꯕ ꯁꯦꯞꯇꯦꯝꯕꯔ 10, 2006꯫
5) ‘‘ꯑꯉꯥꯡꯒꯤ ꯂꯤꯂꯥ ꯃꯆꯥ ꯈꯔ” ꯍꯥꯏꯕ ꯂꯥꯏꯔꯤꯛ ꯑꯁꯤꯒꯤ ꯑꯏꯕ ꯀꯅꯥꯅꯣ?
:- ꯑꯏꯕ - ꯋꯥꯔꯦꯞꯄꯝ ꯖꯨꯒꯤꯟꯗ꯭ꯔ ꯁꯤꯡꯍ; ꯑꯍꯥꯟꯕ ꯐꯣꯡꯕ ꯖꯨꯂꯥꯏ 2012꯫

ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ-58 ꯒꯤ ꯑꯆꯨꯝꯕ ꯄꯥꯎꯈꯨꯝ ꯊꯥꯕꯤꯔꯛꯄꯁꯤꯡꯗꯤ
1) ꯇꯣꯡꯕ꯭ꯔꯝ ꯖꯤꯕꯣꯟ, ꯂꯥꯡꯖꯤꯡ ꯑꯆꯧꯕ ꯃꯈꯥ ꯂꯩꯀꯥꯏ - (4)
2) ꯑꯅꯟꯗꯀꯨꯃꯥꯔ ꯈꯨꯟꯖꯥꯃꯌꯨꯝ, ꯇꯥꯎꯊꯣꯡ ꯑꯌꯨꯡꯕ ꯃꯌꯥꯏ ꯂꯩꯀꯥꯏ - (1,3,4,5)
3) ꯃꯥꯏꯁ꯭ꯅꯥꯝ ꯕꯨꯙ, ꯆꯤꯡꯉꯥ ꯃꯈꯥ ꯃꯥꯏꯁ꯭ꯅꯥꯝ ꯂꯩꯀꯥꯏ - (1,4,5)
4) ꯊꯤꯌꯥꯝ ꯔꯥꯖꯦꯟꯗ꯭ꯔ ꯂꯨꯋꯥꯡ, ꯊꯥꯡꯃꯩꯕꯟꯗ ꯊꯥꯎ ꯀꯝꯄ꯭ꯂꯦꯛꯁ - (4)
ꯍꯨꯏꯌꯦꯟ ꯂꯥꯟꯄꯥꯎ ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ-58 ꯒꯤ ꯋꯤꯟꯅꯔ
ꯑꯅꯟꯗꯀꯨꯃꯥꯔ ꯈꯨꯟꯖꯥꯃꯌꯨꯝ, ꯇꯥꯎꯊꯣꯡ ꯑꯌꯨꯡꯕ ꯃꯌꯥꯏ ꯂꯩꯀꯥꯏ
ꯂꯤꯇꯔꯦꯔꯤ ꯀ꯭ꯋꯤꯖ 58 ꯒꯤ ꯁꯦꯜꯒꯤ ꯃꯅꯥ ꯑꯁꯤ ꯋꯤꯟꯅꯔ ꯑꯣꯏꯕ ꯃꯤꯑꯣꯏ ꯑꯁꯤꯒꯤ ꯕꯦꯡꯛ ꯑꯦꯀꯥꯎꯟꯠꯗ ꯑꯣꯏꯅ ꯍꯥꯞꯆꯤꯟꯖꯔꯒꯅꯤ꯫

ꯋꯥꯔ ꯑꯣꯟ ꯗ꯭ꯔꯒꯁ ꯀꯦꯝꯄ꯭ꯌꯦꯟ
ꯃꯤꯌꯥꯝ ꯍꯨꯞꯅ ꯋꯥꯔꯦꯞ ꯂꯧꯃꯤꯟꯅꯔꯒꯗꯕꯅꯤ
ꯍꯧꯖꯤꯛ ꯆꯠꯊꯔꯛꯂꯤꯕ ꯋꯥꯔ ꯑꯣꯟ ꯗ꯭ꯔꯒꯁ ꯀꯦꯝꯄ꯭ꯌꯦꯟ ꯑꯁꯤ ꯀꯨꯝꯖꯥ 2017 ꯀꯤ ꯃꯥꯔꯆ
15 ꯗ ꯕꯤ ꯖꯦ ꯄꯤꯅ ꯂꯨꯆꯤꯡꯕ ꯂꯩꯉꯥꯛ ꯂꯩꯔꯛꯈꯤꯕꯒ ꯊꯪꯅꯕ ꯆꯍꯤ 2018 ꯗꯒꯤ ꯆꯠꯊꯔꯛꯈꯤꯕꯅꯤ꯫
ꯑꯍꯥꯟꯕ ꯕꯤ ꯖꯦ ꯄꯤꯅ ꯂꯨꯆꯤꯡꯕ ꯂꯩꯉꯥꯛꯇꯒꯤ ꯃꯄꯨꯟꯁꯤ (ꯇꯔꯝ) ꯂꯣꯏꯈ꯭ꯔꯦ꯫ ꯑꯅꯧꯕ 12 ꯁꯨꯕ
ꯃꯅꯤꯄꯨꯔ ꯂꯦꯖꯤꯁꯂꯦꯇꯤꯚ ꯑꯦꯁꯦꯝꯕ꯭ꯂꯤꯒꯤ ꯃꯤꯈꯜ ꯄꯥꯡꯊꯣꯛꯂꯕ ꯃꯇꯨꯡꯗꯁꯨ ꯑꯃꯨꯛ ꯍꯟꯅ
ꯕꯤ ꯖꯦ ꯄꯤꯅ ꯂꯨꯆꯤꯡꯕ ꯂꯩꯉꯥꯛ ꯑꯃꯨꯛ ꯂꯩꯔꯛꯄꯗꯒꯤ ꯀꯦꯝꯄ꯭ꯌꯦꯟꯁꯤ ꯃꯈꯥ ꯆꯠꯊꯔꯛꯂꯦ꯫
ꯆꯍꯤ 5 ꯍꯦꯟꯅ ꯂꯦꯞꯇꯅ ꯆꯪꯁꯤꯜꯂꯛꯄꯗꯒꯤ ꯍꯧꯖꯤꯛꯇꯤ ꯃꯌꯥꯏ ꯀꯥꯕ ꯏꯜꯂꯤꯒꯦꯜ ꯗ꯭ꯔꯒꯁꯤꯡ
ꯑꯃꯁꯨꯡ ꯄꯣꯄꯤ ꯄꯥꯝꯕꯤꯒꯤ ꯃꯥꯌꯣꯛꯇ ꯆꯪꯁꯤꯜꯂꯛꯂꯤꯕ ꯑꯀꯟꯕ ꯂꯥꯟꯁꯤ ꯃꯥꯏ ꯄꯥꯛꯄꯔꯣꯝꯗ
ꯆꯪꯁꯤꯜꯂꯛꯄꯒ ꯏꯔꯣꯏꯅꯅ ꯇꯪꯈꯥꯏ ꯆꯟꯁꯤꯜꯂꯛꯂꯦ꯫ ꯆꯥꯎꯔꯕ ꯑꯃꯁꯨꯡ ꯑꯀꯟꯕ ꯂꯥꯟꯁꯤꯒꯤ
ꯂꯥꯟꯕꯨꯡꯒꯤ ꯃꯌꯥꯏ ꯆꯕꯨꯛ ꯌꯧꯁꯤꯜꯂꯛꯂꯦ ꯍꯥꯏꯕ ꯌꯥꯔꯦ꯫ ꯈꯨꯔꯛ ꯍꯥꯡꯗꯅ ꯊꯣꯛꯂꯝꯕ ꯗ꯭ꯔꯒꯀ
ꯃꯔꯤ ꯂꯩꯅꯕ ꯊꯣꯗꯣꯛꯁꯤꯡ ꯐꯅ ꯌꯥꯝꯅ ꯄꯥꯊꯔꯛꯂꯦ꯫ ꯇꯁꯦꯡꯅꯃꯛ ꯂꯥꯟ ꯑꯁꯤ ꯃꯥꯏ ꯄꯥꯛꯄꯔꯣꯝꯗ
ꯆꯪꯁꯤꯜꯂꯛꯂꯦ ꯍꯥꯏꯕ ꯌꯥꯔꯦ꯫ ꯑꯗꯨꯕꯨ ꯂꯥꯟꯁꯤꯅ ꯐꯤꯚꯝꯁꯤ ꯌꯧꯔꯛꯂꯕ ꯐꯥꯎꯕꯗ ꯗ꯭ꯔꯒ ꯐꯥꯒꯗꯕ
ꯀꯃꯥꯟꯗꯣ ꯄꯔꯁꯅꯦꯜꯁꯤꯡꯅ ꯗ꯭ꯔꯒ ꯄꯨꯁꯤꯜꯂꯛꯄ, ꯄꯨꯂꯤꯁꯅ ꯗ꯭ꯔꯒ ꯐꯥꯟꯅꯕ ꯍꯣꯠꯅꯔꯨꯕꯗ
ꯑꯣꯟꯁꯤꯟꯗꯨꯅ ꯑꯦꯇꯦꯛ ꯇꯧꯔꯛꯄ, ꯄꯨꯂꯤꯁꯀꯤ ꯒꯥꯔꯤ ꯊꯨꯒꯥꯏꯗꯨꯅ ꯑꯃꯥꯡ-ꯑꯇꯥ ꯊꯣꯛꯍꯜꯂꯛꯄ,
ꯗ꯭ꯔꯒ ꯄꯨꯁꯤꯜꯂꯛꯄ ꯃꯤꯑꯣꯏꯁꯤꯡꯒꯤ ꯃꯥꯏꯀꯩꯗꯒꯤꯁꯨ ꯈꯣꯡꯐꯝ ꯍꯟꯗꯣꯔꯛꯇꯕ, ꯄꯣꯄꯤ ꯄꯥꯝꯕꯤ
ꯊꯥꯕ ꯌꯥꯗꯦ, ꯊꯥꯒꯅꯨ, ꯊꯥꯔꯕꯗꯤ ꯐꯥꯔꯒ ꯆꯩꯔꯥꯛ ꯄꯤꯒꯅꯤ ꯍꯥꯏꯔꯕ ꯐꯥꯎꯕꯗ ꯃꯐꯝ ꯈꯔꯗ ꯂꯦꯞꯂꯕꯁꯨ
ꯃꯐꯝ ꯈꯔꯗꯗꯤ ꯑꯗꯨꯃꯛ ꯂꯦꯞꯇꯕꯒꯤ ꯐꯤꯚꯝ ꯊꯦꯡꯅꯔꯦ꯫ ꯍꯥꯏꯔꯤꯕꯁꯤꯡ ꯑꯁꯤ ꯍꯧꯖꯤꯛ
ꯑꯣꯏꯔꯤꯕ ꯂꯥꯟ ꯑꯁꯤꯒꯤ ꯆꯞ ꯆꯥꯕ ꯃꯁꯛꯅꯤ ꯑꯃꯁꯨꯡ ꯁꯛꯇꯝꯅꯤ꯫ ꯐꯤꯚꯝꯁꯤꯗꯒꯤ ꯁꯤꯚꯤꯜ
ꯄꯨꯂꯤꯁ, ꯃꯁꯤꯒꯤ ꯗ꯭ꯔꯒꯀ ꯃꯔꯤ ꯂꯩꯅꯕ ꯌꯨꯅꯤꯠꯁꯤꯡꯗꯒꯤ ꯍꯦꯟꯗꯣꯔꯛꯇꯨꯅ ꯃꯅꯤꯄꯨꯔ ꯔꯥꯏꯐꯜꯁ
ꯑꯃꯁꯨꯡ ꯏꯟꯗꯤꯌꯥ ꯔꯤꯖꯥꯔꯚ ꯕꯠꯇꯥꯂꯤꯌꯟꯒꯤ ꯄꯔꯁꯅꯦꯜꯁꯤꯡꯗ ꯐꯥꯎꯕ ꯏꯜꯂꯤꯒꯦꯜ ꯗ꯭ꯔꯒꯁꯤꯡ
ꯐꯥꯕ ꯄꯨꯟꯕꯒꯤ ꯑꯌꯥꯕ ꯄꯤꯔꯦ꯫ ꯄꯣꯄꯤ ꯄꯥꯝꯕꯤ ꯊꯥꯕ ꯃꯐꯝꯁꯤꯡ ꯈꯪꯗꯣꯛꯅꯕ ꯍꯣꯠꯅꯕꯗ ꯗ꯭ꯔꯣꯟ
ꯐꯥꯎꯕ ꯁꯤꯖꯤꯟꯅꯔꯛꯂꯦ꯫ ꯆꯪꯁꯤꯟꯗꯨꯅ ꯌꯥꯟꯊꯠꯂꯨꯕꯗ ꯈꯨꯗꯣꯡꯆꯥꯗꯕ ꯃꯐꯝꯁꯤꯡꯗꯅ ꯗ꯭ꯔꯣꯟ
ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯍꯤꯗꯥꯛ ꯆꯥꯏꯊꯕꯒꯤ ꯊꯕꯛ ꯐꯥꯎꯕ ꯆꯠꯊꯔꯛꯂꯦ꯫ ꯄꯣꯄꯤ ꯄꯥꯝꯕꯤ ꯌꯥꯟꯊꯠꯀꯅꯤ
ꯍꯥꯏꯕ ꯃꯤꯑꯣꯏꯁꯤꯡꯗ ꯊꯥꯡꯍꯥꯏ ꯑꯃꯁꯨꯡ ꯁꯦꯜꯒꯤ ꯇꯦꯡꯕꯥꯡ ꯐꯥꯎꯕ ꯂꯩꯉꯥꯛꯀꯤ ꯃꯤꯅꯤꯁꯇꯔꯁꯤꯡꯅ
ꯄꯤꯕ ꯍꯧꯔꯛꯂꯦ꯫ ꯄꯨꯝꯅꯃꯛꯁꯤꯅ ꯇꯥꯛꯂꯤꯕꯗꯤ ꯂꯥꯟ ꯑꯁꯤꯕꯨ ꯆꯪꯁꯤꯟꯗꯨꯅ ꯁꯣꯛꯅꯔꯛꯂꯤꯕ
ꯂꯩꯉꯥꯛꯀꯤ ꯃꯥꯏꯀꯩꯗꯒꯤ ꯂꯥꯟꯁꯤꯒꯤ ꯂꯥꯟꯐꯝꯗ ꯃꯥꯏ ꯄꯥꯛꯄꯒꯤ ꯄꯖꯦꯡ ꯐꯤꯔꯥꯜ ꯊꯦꯠꯇ꯭ꯔꯤꯐꯥꯎꯕ
ꯆꯪꯁꯤꯟꯈꯤꯒꯅꯤ ꯍꯥꯏꯕꯅꯤ꯫ ꯈꯣꯡꯐꯝ ꯍꯟꯗꯣꯛꯇꯅ ꯆꯪꯁꯤꯟꯐꯝꯁꯨ ꯊꯣꯛꯏ꯫ ꯃꯔꯝꯗꯤ ꯏꯟꯁꯣꯟ
ꯀꯥꯡꯗꯅ ꯊꯣꯛꯄ ꯗ꯭ꯔꯒꯁ ꯃꯔꯤ ꯂꯩꯅꯕ ꯊꯧꯗꯣꯛꯁꯤꯡꯅ ꯏꯜꯂꯤꯒꯦꯜ ꯗ꯭ꯔꯒꯁꯤꯡ ꯃꯅꯤꯄꯨꯔꯗ
ꯄꯨꯁꯤꯜꯂꯛꯄ, ꯁ꯭ꯇꯦꯠꯁꯤꯗ ꯇ꯭ꯔꯥꯟꯖꯤꯠ ꯄꯣꯏꯟꯠ ꯈꯛꯇꯃꯛ ꯑꯣꯏꯍꯜꯂꯛꯄꯒꯤ ꯃꯊꯛꯇ
ꯃꯌꯥꯏ ꯀꯥꯕ ꯆꯤꯟꯖꯥꯛꯁꯤꯒꯤ ꯏꯄꯥꯛꯇ ꯏꯔꯥꯛꯅꯕ ꯃꯤꯑꯣꯏꯁꯤꯡ ꯃꯔꯨ ꯑꯣꯏꯅ ꯏꯟꯈꯠꯂꯛꯂꯤꯕ
ꯃꯤꯑꯣꯏꯁꯤꯡꯒꯤ ꯃꯁꯤꯡ ꯅꯣꯡꯃ-ꯅꯣꯡꯃꯒꯤ ꯍꯦꯟꯒꯠꯂꯛꯂꯤꯕꯅꯤ꯫ ꯃꯁꯤꯒꯤ ꯑꯔꯥꯏꯕ
ꯈꯨꯗꯝꯅ ꯗ꯭ꯔꯒ ꯗꯤ ꯑꯦꯗꯤꯛꯁꯟ ꯁꯦꯟꯇꯔꯁꯤꯡꯒꯤ ꯃꯁꯤꯡ ꯌꯥꯝꯅ ꯍꯦꯟꯒꯠꯂꯛꯂꯤꯕ
ꯑꯁꯤꯅꯤ꯫ ꯑꯗꯨꯒ ꯆꯨꯝꯅꯇ ꯃꯅꯤꯄꯨꯔꯗ ꯄꯨꯁꯤꯜꯂꯛꯇꯨꯅ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯐꯪꯍꯟꯕ, ꯑꯇꯣꯞꯄ
ꯃꯐꯝꯗ ꯑꯃꯨꯛ ꯄꯨꯊꯣꯛꯈꯤꯕꯗ ꯅꯠꯇꯅ ꯑꯁꯤꯒꯨꯝꯕ ꯗ꯭ꯔꯒꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯁꯨꯡꯐꯝ ꯐꯦꯛꯇꯔꯤ
ꯐꯥꯎꯕ ꯂꯩꯔꯛꯂꯕꯅꯤ꯫ ꯑꯣꯏꯔꯛꯂꯤꯕ ꯐꯤꯚꯝꯁꯤꯡꯁꯤꯗꯒꯤ ꯇꯉꯥꯏꯐꯗꯕ ꯑꯀꯟꯕ ꯂꯥꯟ ꯑꯁꯤ
ꯆꯪꯁꯤꯜꯂꯛꯇꯕ ꯌꯥꯗꯕꯗꯒꯤ ꯆꯪꯁꯤꯜꯂꯛꯇꯨꯅ ꯁꯣꯛꯅꯔꯛꯂꯤꯕꯅꯤ꯫
ꯑꯗꯨꯕꯨ ꯍꯧꯖꯤꯛ ꯂꯥꯛꯂꯤꯕ ꯋꯥꯐꯝꯗꯤ ꯗ꯭ꯔꯒꯀꯤ ꯃꯥꯌꯣꯛꯇ ꯆꯪꯁꯤꯜꯂꯛꯂꯤꯕ ꯂꯥꯟ ꯑꯁꯤ ꯃꯌꯥꯏ
ꯆꯕꯨꯛꯇ ꯑꯃꯁꯨꯡ ꯈꯥꯡꯇꯞꯇ ꯂꯩꯞꯈ꯭ꯔꯦ ꯑꯃꯁꯨꯡ ꯃꯥꯏ ꯄꯥꯛꯂꯔꯣꯏ ꯍꯥꯏꯕ ꯅꯠꯇꯦ꯫ ꯆꯍꯤ
5 ꯆꯨꯞꯅ ꯁꯣꯛꯅꯔꯛꯄꯗ ꯉꯁꯤ ꯐꯤꯚꯝꯁꯤ ꯐꯥꯎꯕ ꯌꯧꯍꯟꯗꯨꯅ ꯑꯣꯏꯍꯜꯂꯛꯄ ꯉꯝꯂꯕꯅꯤ꯫
ꯂꯦꯝꯍꯧꯔꯤꯕ ꯁꯔꯨꯛꯁꯤꯡꯁꯤ ꯂꯣꯏꯁꯤꯟꯈꯤꯅꯅꯕꯒꯤ ꯂꯥꯟꯖꯪꯗ ꯂꯩꯕꯥꯛ ꯃꯤꯌꯥꯝꯅꯁꯨ ꯐꯨꯔꯨꯞ-
ꯀꯥꯡꯂꯨꯞ ꯅꯠꯇ꯭ꯔꯒ ꯂꯥꯏꯅꯤꯡꯒꯤ ꯈꯦꯟꯅꯕ ꯊꯝꯗꯅ ꯍꯨꯞꯅ ꯁꯔꯨꯛ ꯌꯥꯁꯤꯜꯂꯁꯤ ꯍꯥꯏꯕꯅꯤ꯫
ꯋꯥꯐꯝꯁꯤ ꯂꯩꯉꯥꯛ ꯈꯛꯇꯅ ꯁꯨꯛꯉꯝ ꯉꯝꯂꯔꯣꯏ ꯍꯥꯏꯕ ꯅꯠꯇꯦ꯫ ꯉꯝꯗꯅ ꯆꯪꯁꯤꯜꯂꯛꯄꯅ
ꯐꯤꯚꯝꯁꯤ ꯌꯧꯔꯛꯂꯤꯕꯅꯤ꯫ ꯃꯈꯥ ꯇꯥꯅꯁꯨ ꯍꯣꯅꯔꯛꯂꯤꯕꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯈꯨꯕꯥꯛ ꯅꯥꯝꯃꯇ ꯈꯨꯕꯒꯤ
ꯊꯧꯗꯧ ꯇꯥꯍꯜꯂꯒꯨꯝꯁꯤ ꯈꯨꯠ ꯑꯅꯤ ꯆꯪꯗꯨꯅ ꯈꯨꯔꯁꯤ꯫ ꯃꯁꯤ ꯑꯣꯏꯔꯒꯗꯤ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯗ ꯍꯆꯤ
5 ꯍꯦꯟꯖꯤꯜꯂꯛꯂꯤꯕꯁꯤ ꯑꯇꯣꯞꯄ ꯆꯍꯤ 5 ꯑꯃꯒ ꯑꯃꯨꯛ ꯆꯪꯍꯟꯗꯕꯗ ꯃꯇꯦꯡ ꯑꯣꯏꯒꯅꯤ
ꯍꯥꯏꯕꯅꯤ꯫ ꯍꯥꯟꯅꯗꯒꯤꯁꯨ ꯃꯇꯦꯡ ꯄꯥꯡꯂꯛꯇꯦ ꯍꯥꯏꯕ ꯅꯠꯇꯦ꯫ ꯆꯤꯐ ꯃꯤꯅꯤꯁꯇꯔꯒꯤ ꯃꯅꯥꯛꯇ
ꯂꯥꯛꯇꯨꯅ ꯐꯨꯔꯨꯞ ꯄꯨꯝꯅꯃꯛꯀꯤ ꯂꯨꯆꯤꯡꯕꯁꯤꯡꯅ ꯋꯥꯁꯛ ꯄꯔꯦꯡ ꯁꯛꯂꯛꯈꯤꯕ ꯐꯥꯎꯕ ꯌꯥꯎꯈ꯭ꯔꯦ꯫
ꯑꯗꯨꯕꯨ ꯋꯥꯁꯛ ꯆꯦ ꯄꯤꯔꯝꯈꯤꯕ ꯐꯨꯔꯨꯞ-ꯀꯥꯡꯂꯨꯞꯁꯤꯡ ꯑꯗꯨꯒꯤ ꯀꯥꯡꯕꯨꯒꯤ ꯃꯥꯏꯀꯩꯗꯒꯤ ꯂꯥꯟꯁꯤꯒꯤ
ꯃꯥꯌꯣꯛꯇꯅ ꯑꯣꯟꯅ-ꯇꯩꯅꯕ ꯊꯕꯛꯁꯤꯡ ꯇꯧꯅꯔꯛꯄ ꯌꯥꯎꯔꯦ ꯍꯥꯏꯕꯅꯤ꯫ ꯃꯔꯝ ꯑꯁꯤꯅ ꯗ꯭ꯔꯒꯀꯤ
ꯃꯇꯥꯡꯁꯤ ꯃꯅꯤꯄꯨꯔ ꯂꯩꯃꯤꯟꯅꯔꯛꯂꯤꯕ ꯐꯨꯔꯨꯞ-ꯀꯥꯡꯂꯨꯞ ꯄꯨꯝꯅꯃꯛꯀꯤ ꯃꯤꯑꯣꯏꯁꯤꯡ ꯑꯃꯠꯇ
ꯑꯣꯏꯅ ꯃꯥꯌꯣꯛꯅꯃꯤꯟꯅꯕꯒꯤ ꯐꯤꯔꯦꯞ ꯑꯃ ꯂꯧꯃꯤꯟꯅꯕꯒꯤ ꯇꯉꯥꯏꯐꯗꯕ ꯂꯩꯔꯦ ꯍꯥꯏꯅꯤꯡꯏ꯫
ꯃꯁꯤꯒꯤꯗꯃꯛ ꯆꯤꯡ ꯑꯃꯁꯨꯡ ꯇꯝꯒꯤ ꯃꯤꯌꯥꯝ ꯂꯨꯞ/ꯁ꯭ꯇꯦꯛꯍꯣꯜꯗꯔꯁꯤꯡꯅ ꯍꯥꯟꯅ ꯈꯨꯠꯁꯝꯅꯅ
ꯆꯣꯡꯊꯣꯔꯛꯀꯗꯕꯅꯤ꯫ ꯃꯈꯣꯏꯅ ꯄꯨꯟꯅ ꯆꯞ ꯃꯥꯟꯅꯕ ꯈꯣꯡꯐꯝꯗ ꯆꯦꯠꯅ ꯂꯦꯞꯃꯤꯟꯅꯔꯛꯂꯕꯗ
ꯃꯈꯣꯏ ꯃꯈꯣꯏꯒꯤ ꯃꯤꯌꯥꯝꯁꯨ ꯃꯈꯣꯏꯒꯤ ꯃꯇꯨꯡ ꯏꯜꯂꯛꯀꯗꯕꯅꯤ꯫ ꯄꯣꯂꯤꯇꯤꯀꯦꯜ ꯄꯥꯔꯇꯤ
ꯄꯨꯝꯅꯃꯛꯁꯨ ꯃꯥꯒꯤ ꯃꯥꯒꯤ ꯃꯥꯟꯅꯗꯕ, ꯈꯦꯟꯅꯕ ꯋꯥꯈꯜꯂꯣꯟꯁꯤꯡ ꯂꯩꯔꯒꯁꯨ ꯋꯥꯔ ꯑꯣꯟ ꯗ꯭ꯔꯒꯀꯤ
ꯀꯦꯝꯄ꯭ꯌꯦꯟ ꯑꯁꯤꯗꯤ ꯃꯅꯤꯄꯨꯔꯒꯤ ꯑꯃꯠꯇ ꯑꯣꯏꯕ ꯀꯃꯟ ꯏꯁ꯭ꯌꯨꯅꯤ ꯍꯥꯏꯅ ꯂꯧꯒꯗꯕꯅꯤ꯫
ꯑꯁꯣꯏꯕ/ꯑꯔꯥꯟꯕ ꯇꯨꯀꯥ ꯊꯤꯅꯗꯨꯅ ꯆꯤꯟꯗꯥ ꯄꯧꯗꯥꯅꯕꯒꯤ ꯃꯍꯨꯠꯇ ꯆꯨꯝꯊꯣꯛꯃꯤꯟꯅꯗꯨꯅ ꯃꯥꯏ
ꯄꯥꯛꯅꯕ ꯍꯣꯠꯅꯃꯤꯟꯅꯒꯗꯕ ꯃꯇꯝ ꯌꯧꯔꯦ ꯍꯥꯏꯅꯤꯡꯏ꯫ ꯗ꯭ꯔꯒ ꯑꯃꯁꯨꯡ ꯄꯣꯄꯤ ꯊꯥꯕꯒꯤ ꯎꯠꯀꯤ
ꯃꯄꯩ ꯑꯣꯏꯅ ꯇꯨꯝꯍꯜꯂꯛꯂꯤꯕꯁꯤ ꯉꯁꯤꯒꯤ ꯃꯤꯔꯣꯜ ꯈꯛꯇ ꯅꯠꯇꯅ ꯇꯨꯡꯗ ꯍꯧꯔꯛꯀꯗꯕ
ꯃꯤꯔꯣꯜ ꯐꯥꯎꯕ ꯀꯣꯟꯁꯤꯜꯂꯝꯕꯒ ꯂꯣꯏꯅꯅ ꯁꯅꯥ ꯂꯩꯕꯥꯛꯅꯤ ꯍꯥꯏꯅꯔꯝꯕꯤ ꯃꯅꯤꯄꯨꯔꯒꯤ
ꯍꯧꯗꯣꯛꯃꯤꯟꯅꯔꯛꯄ ꯃꯍꯧꯁꯥꯒꯤ ꯐꯤꯚꯝ ꯑꯃꯁꯨꯡ ꯑꯏꯪ-ꯑꯁꯥꯒꯤ ꯈꯜꯅꯤ꯫ ꯍꯥꯏꯔꯤꯕ ꯑꯁꯤꯗꯒꯤ
ꯍꯦꯟꯅ ꯆꯥꯎꯕ ꯑꯇꯣꯞꯄ ꯑꯃꯥꯃꯨꯛ ꯂꯩꯇ꯭ꯔꯕ ꯃꯥꯡꯖꯕꯁꯤꯗꯤ ꯑꯀꯛꯅꯕ ꯐꯨꯔꯨꯞ ꯀꯥꯡꯂꯨꯞ ꯑꯃ
ꯈꯛꯇꯒꯤ ꯋꯥꯐꯝ ꯅꯠꯇꯦ꯫ ꯃꯅꯤꯄꯨꯔꯗ ꯂꯩꯃꯤꯟꯅꯔꯤꯕ ꯄꯨꯝꯅꯃꯛꯀꯤꯅꯤ꯫ ꯆꯞ ꯃꯥꯟꯅꯕ ꯆꯩꯊꯦꯡ
ꯐꯪꯃꯤꯟꯅꯒꯗꯧꯔꯤꯕꯅꯤ꯫ ꯃꯤꯌꯥꯝ ꯄꯨꯝꯅꯃꯛ ꯑꯃꯠꯇ ꯑꯣꯏꯅ ꯂꯦꯞꯈ꯭ꯔꯕꯗꯤ ꯌꯥꯝꯈ꯭ꯔꯕ ꯃꯤꯌꯥꯝꯒꯤ
ꯃꯔꯛꯇ ꯌꯥꯎꯔꯛꯄ ꯐꯧꯃꯥꯟꯗꯤ ꯈꯟꯗꯣꯛꯇꯨꯅ ꯂꯪꯊꯣꯛꯈꯤꯕꯗ ꯑꯗꯨꯛ ꯌꯥꯝꯅ ꯂꯨꯅ ꯊꯣꯛꯀꯗꯕ
ꯃꯥꯟꯗꯦ꯫ ꯂꯩꯉꯥꯛꯅꯁꯨ ꯇꯧꯁꯅꯨ, ꯃꯤꯌꯥꯝꯅꯁꯨ ꯃꯟꯇꯤꯛꯅꯗꯅ ꯌꯥꯎꯁꯤꯟꯗꯨꯅ ꯑꯉꯝ ꯑꯉꯝꯕ ꯃꯇꯦꯡ
ꯄꯥꯡꯁꯤꯜꯂꯁꯤ ꯍꯥꯏꯕꯅꯤ꯫ ꯂꯝꯕꯤꯁꯤꯗ ꯈꯣꯡ ꯊꯥꯡꯖꯤꯜꯍꯧꯕꯅ ꯉꯁꯤꯒꯤꯇ ꯅꯠꯇꯅ ꯇꯨꯡꯒꯤ
ꯃꯤꯔꯣꯜꯒꯤꯗꯃꯛ ꯑꯁꯥꯟꯕ ꯃꯤꯠꯌꯦꯡ ꯌꯦꯡꯂꯝꯕ ꯑꯣꯏꯅ ꯊꯣꯛꯀꯅꯤ ꯈꯜꯂꯤ꯫

ꯌꯨꯔꯤꯌꯥ ꯍꯥꯏꯕꯁꯤ ꯑꯁꯨꯛꯀꯤ ꯃꯇꯤꯛ ꯃꯔꯨ ꯑꯣꯏ ꯍꯥꯏꯕꯁꯤ ꯂꯧꯔꯣꯛ ꯄꯥꯟꯊꯥ
ꯂꯥꯛꯂꯕ ꯃꯇꯝꯗꯅ ꯍꯦꯟꯅ ꯃꯌꯦꯛ ꯁꯦꯡꯂꯛꯏ꯫ ꯃꯁꯤ ꯃꯅꯤꯄꯨꯔꯈꯛꯇꯒꯤ
ꯋꯥ ꯅꯠꯇꯦ, ꯃꯥꯂꯦꯝ ꯄꯨꯝꯕꯒꯤ ꯑꯣꯏꯅ ꯏꯟꯗꯁꯇ꯭ꯔꯤꯁꯤꯡꯒꯤ ꯃꯔꯛꯇꯒꯤ
ꯌꯨꯔꯤꯌꯥ ꯁꯨꯡꯕꯒꯤ ꯏꯟꯗꯁꯇ꯭ꯔꯤ ꯑꯁꯤꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯆꯥꯎꯏ ꯍꯥꯏꯕ ꯌꯥꯏ꯫ ꯌꯨꯔꯤ
ꯁꯨꯡꯅꯕꯒꯤꯗꯃꯛ, ꯑꯍꯥꯟꯕꯗ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯍꯥꯏꯔꯤꯕ ꯀꯦꯃꯤꯀꯦꯜ ꯀꯝꯄꯥꯎꯟꯗꯁꯤ ꯍꯥꯟꯅ ꯁꯨꯡꯕ ꯌꯥꯏ꯫ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯑꯁꯤ ꯍꯥꯕꯔ-ꯕꯣꯁ ꯄ꯭ꯔꯣꯁꯦꯁ (ꯊꯧꯑꯣꯡ ꯑꯁꯤꯕꯨ ꯄꯨꯊꯣꯛꯂꯝꯕ Fritz ꯊꯥꯕꯦꯔ ꯑꯃꯁꯨꯡ Carl Bosch ꯀꯤ ꯃꯃꯤꯡꯗꯒꯤ ꯊꯣꯟꯈꯤꯕ) ꯍꯥꯏ ꯈꯪꯅꯕ ꯊꯧꯑꯣꯡ ꯑꯃꯒꯤ ꯃꯇꯦꯡꯅ ꯅꯨꯡꯁꯤꯠꯇ ꯃꯔꯥꯡ ꯀꯥꯏꯅ ꯌꯥꯎꯔꯤꯕ ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ ꯒ꯭ꯌꯥꯁꯀ ꯅꯦꯆꯔꯜ ꯒ꯭ꯌꯥꯁ (ꯃꯦꯊꯦꯟ) ꯇꯒꯤ ꯁꯨꯡꯗꯣꯔꯛꯄ ꯍꯥꯏꯗ꯭ꯔꯣꯖꯦꯟ ꯒ꯭ꯌꯥꯁꯀ ꯔꯤꯑꯦꯛꯁꯟ ꯊꯣꯛꯍꯟꯗꯨꯅ ꯁꯨꯡꯏ꯫ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯃꯍꯤꯁꯤꯒ ꯃꯍꯤ ꯑꯣꯟꯊꯣꯛꯂꯕ ꯀꯥꯔꯕꯟ ꯗꯥꯏꯑꯣꯛꯁꯥꯏꯗꯀ ꯃꯈꯥ ꯇꯥꯅ ꯔꯤꯑꯦꯛꯁꯟ ꯊꯣꯛꯍꯜꯂꯒ ꯌꯨꯔꯤꯌꯥ ꯐꯪꯍꯟꯕ ꯉꯝꯃꯤ꯫
ꯃꯥꯂꯦꯝ ꯄꯨꯝꯕꯒꯤ ꯑꯣꯏꯅ, ꯍꯥꯕꯔ-ꯕꯣꯁ ꯄ꯭ꯔꯣꯁꯦꯁꯅ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯁꯨꯡꯕꯗ ꯑꯄꯨꯟꯕ ꯐꯣꯁꯤꯜ ꯐ꯭ꯌꯨꯜ 1% ꯁꯤꯖꯤꯟꯅꯩ; ꯊꯧꯑꯣꯡ ꯑꯁꯤꯗ ꯊꯥꯗꯣꯔꯛꯄ ꯀꯥꯔꯕꯟ ꯗꯥꯏꯑꯣꯛꯁꯥꯏꯗꯀꯤ ꯆꯥꯡꯁꯤꯅ ꯑꯄꯨꯟꯕ ꯀꯥꯔꯕꯟ ꯗꯥꯏꯑꯣꯛꯁꯥꯏꯗ ꯊꯥꯗꯣꯔꯛꯄꯒꯤ 1% ꯑꯣꯏ꯫ ꯍꯥꯕꯔ-ꯕꯣꯁ ꯄ꯭ꯔꯣꯁꯦꯁ ꯑꯁꯤꯗ ꯊꯣꯛꯂꯤꯕ ꯔꯤꯑꯆꯦꯛꯁꯟ ꯑꯁꯤ ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ 300 ꯗꯒꯤꯅ 500 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗꯅꯤ꯫ ꯑꯁꯨꯝꯅ ꯐꯪꯂꯛꯂꯤꯕ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯑꯁꯤ ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ 300 ꯗꯒꯤ 500 ꯐꯥꯎꯕꯒꯤ ꯃꯅꯨꯡꯗꯅꯤ꯫ ꯑꯁꯨꯝꯅ ꯐꯪꯂꯛꯂꯤꯕ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯑꯁꯤ ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ -20 (ꯃꯥꯏꯅꯁ ꯀꯨꯟ) ꯗ ꯏꯪꯊꯍꯜꯂꯒ ꯃꯍꯤ ꯑꯣꯏꯅ ꯂꯧꯊꯣꯛꯏ꯫ ꯊꯧꯑꯣꯡ ꯑꯁꯤꯗ ꯑꯀꯟꯕ ꯄ꯭ꯔꯦꯁꯔ ꯍꯥꯏꯕꯗꯤ ꯑꯦꯠꯃꯣꯁ꯭ꯐꯔꯤꯛ ꯄ꯭ꯔꯦꯁꯔꯗꯒꯤ ꯁꯔꯨꯛ 150-300 ꯍꯦꯟꯅ ꯄꯤꯁꯤꯟꯕꯒꯤ ꯃꯊꯧ ꯇꯥꯏ꯫ ꯑꯗꯨꯅ ꯌꯨꯔꯤꯌꯥ ꯁꯨꯡꯕꯒꯤ ꯊꯕꯛ ꯑꯁꯤꯗ ꯐꯣꯁꯤꯜ ꯐ꯭ꯌꯨꯜ ꯌꯥꯝꯅ ꯆꯪꯏ ꯑꯗꯨꯒ ꯒ꯭ꯔꯤꯟ ꯍꯥꯎꯁ ꯒ꯭ꯌꯥꯁ ꯑꯣꯏꯔꯤꯕ ꯀꯥꯔꯕꯟ ꯗꯥꯏꯑꯣꯛꯁꯥꯏꯗꯁꯨ ꯌꯥꯝꯅ ꯊꯥꯗꯣꯔꯛꯏ꯫ ꯀꯔꯤꯒꯨꯝꯕ ꯄ꯭ꯔꯗꯛꯠ ꯑꯃ ꯄꯨꯊꯣꯛꯄꯗ ꯑꯦꯅꯔꯖꯤ ꯌꯥꯝꯕ ꯆꯪꯍꯟꯗꯕ ꯍꯥꯏꯕꯁꯤ ꯌꯥꯝꯅꯃꯛ ꯃꯔꯨ
ꯑꯣꯏ ꯃꯔꯝꯗꯤ ꯑꯦꯅꯔꯖꯤ ꯄꯨꯊꯣꯛꯄꯒꯤ ꯄꯥꯝꯕꯩꯁꯤꯡꯅ ꯑꯀꯣꯏꯕꯒꯤ ꯐꯤꯚꯝꯗ ꯁꯣꯛꯍꯜꯂꯤ꯫ ꯑꯗꯨꯅ ꯑꯦꯅꯖꯔꯤ ꯆꯪꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯕ ꯄꯥꯝꯕꯩꯁꯤꯡ ꯄꯨꯊꯣꯛꯄ ꯍꯥꯏꯕꯁꯤ ꯇꯉꯥꯏꯐꯗꯕ ꯑꯣꯏꯔꯛꯏ꯫ ꯑꯗꯨꯅ ꯌꯨꯅꯤꯚꯔꯁꯤꯇꯤ ꯑꯣꯐ ꯀꯥꯔꯂꯤꯐꯣꯅꯤꯌꯥ, ꯔꯛꯂꯤ ꯀꯦꯃꯤꯁꯠꯁꯤꯡꯅ ꯊꯤꯖꯤꯜꯂꯛꯄꯗꯒꯤ ꯑꯦꯅꯔꯖꯤ ꯆꯪꯕꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯕ ꯄꯥꯝꯕꯤ ꯑꯃ ꯄꯨꯊꯣꯛꯄ ꯉꯝꯂꯦ ꯍꯥꯏꯔꯤ (ꯅꯦꯆꯔ, ꯖꯅ꯭ꯌꯨꯋꯥꯔꯤ 2023)꯫ ꯀꯦꯃꯤꯁꯠꯁꯤꯡ
ꯑꯁꯤꯅ ꯗꯤꯖꯥꯏꯟ ꯇꯧꯔꯒ ꯄꯨꯊꯣꯔꯛꯂꯤꯕ ꯄꯥꯝꯕꯩ ꯑꯁꯤꯗ ꯃꯦꯇꯜ-ꯑꯣꯔꯒꯥꯅꯤꯛ ꯐ꯭ꯔꯦꯝꯋꯔꯛ (ꯑꯦꯝ ꯑꯣ ꯑꯦꯐ) ꯍꯥꯏꯅ ꯈꯪꯅꯕ ꯌꯥꯝꯅ ꯄꯤꯛꯄ ꯃꯈꯨꯜꯁꯤꯡ (ꯄꯣꯔꯁ ꯑꯣꯏꯕ) ꯌꯥꯎꯕ ꯃꯦꯇꯔꯤꯑꯦꯜ ꯑꯃ ꯁꯤꯖꯤꯟꯅꯔꯤ꯫ ꯃꯦꯇꯔꯤꯑꯦꯜ ꯑꯁꯤꯒꯤ ꯃꯇꯦꯡꯅ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯁꯨꯡꯕꯗ ꯌꯥꯏꯃꯔꯞ ꯑꯣꯏꯕ ꯄ꯭ꯔꯦꯁꯔ ꯑꯃꯁꯨꯡ ꯁꯥꯕꯒꯤ ꯆꯥꯡꯅ ꯁꯦꯜꯁꯤꯌꯁ ꯗꯤꯒ꯭ꯔꯤ 175 ꯃꯨꯛꯀꯤ ꯆꯥꯡꯗ ꯗꯔꯀꯥꯔ ꯑꯣꯏ ꯍꯥꯏꯔꯤ꯫ ꯑꯗꯨꯅ ꯑꯦꯅꯔꯖꯤ ꯆꯪꯕꯒꯤ ꯆꯥꯡ ꯌꯥꯝꯅ ꯍꯟꯊꯔꯛꯏ꯫
ꯑꯅꯦꯝꯕ ꯇꯦꯝꯄꯦꯔꯦꯆꯔ ꯑꯃꯁꯨꯡ ꯄ꯭ꯔꯦꯁꯔꯗ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯑꯃꯁꯨꯡ ꯌꯨꯔꯤꯌꯥ ꯁꯨꯡꯕ ꯑꯁꯤꯒꯤ ꯑꯇꯣꯞꯄ ꯀꯥꯟꯅꯕ ꯑꯃꯁꯨꯡ ꯂꯩꯔꯤ꯫ ꯑꯆꯧ-ꯑꯆꯧꯕ ꯀꯦꯃꯤꯀꯦꯜ ꯄ꯭ꯂꯥꯟꯠꯁꯤꯡꯕꯨ ꯁꯦꯟꯇ꯭ꯔꯦꯂꯥꯏꯖ ꯇꯧꯔꯕ ꯃꯐꯝꯁꯤꯡꯗ ꯂꯤꯡꯈꯠꯄꯒꯤ ꯃꯍꯨꯠꯇ, ꯑꯄꯤꯛꯄ ꯀꯦꯃꯤꯀꯦꯜ ꯄ꯭ꯂꯥꯟꯠꯁꯤꯡ ꯂꯧ ꯎꯔꯤꯕ ꯃꯐꯝꯁꯤꯡꯒ ꯌꯥꯝꯅ ꯅꯛꯅ ꯂꯤꯡꯈꯠꯄ ꯌꯥꯒꯅꯤ꯫ ꯃꯁꯤꯅ ꯌꯨꯔꯤꯌꯥꯕꯨ ꯂꯧꯃꯤꯁꯤꯡꯗ ꯐꯪꯍꯟꯕꯗ ꯍꯦꯟꯅ ꯂꯥꯏꯍꯟꯒꯅꯤ ꯑꯃꯁꯨꯡ ꯇ꯭ꯔꯥꯟꯁꯄꯣꯔꯇꯦꯁꯟꯗ ꯆꯪꯒꯗꯕ ꯃꯇꯝ, ꯁꯦꯜ ꯑꯃꯁꯨꯡ ꯑꯦꯅꯔꯖꯤꯁꯨ ꯀꯟꯕ ꯉꯝꯕꯒ ꯂꯣꯏꯅꯅ ꯃꯃꯜ ꯍꯣꯡꯅꯁꯨ ꯐꯪꯍꯟꯕ ꯉꯝꯒꯅꯤ ꯍꯥꯏꯅ ꯊꯤꯖꯤꯟꯕꯒꯤ ꯊꯕꯛ ꯑꯁꯤꯕꯨ ꯂꯨꯆꯤꯡꯈꯤꯕ ꯌꯨ ꯕꯤ ꯕꯔꯀꯂꯤꯒꯤ ꯄꯣꯁꯠꯗꯣꯛꯇꯔ ꯐꯦꯂꯣ Benjamin ꯈꯅꯌꯗꯦꯔ ꯅ ꯐꯣꯡꯗꯣꯔꯛꯂꯤ꯫
ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕꯗ ꯍꯥꯕꯔ-ꯕꯣꯁ ꯄ꯭ꯔꯣꯁꯦꯁ ꯑꯁꯤꯕꯨ ꯍꯦꯟꯅ ꯁꯁꯇꯦꯅꯦꯕꯜ ꯑꯣꯏꯕ ꯃꯑꯣꯡꯗ ꯊꯣꯛꯍꯟꯅꯕꯒꯤꯗꯃꯛꯇ ꯊꯤꯖꯤꯟꯕꯒꯤ ꯊꯕꯛ ꯀꯌꯥꯃꯨꯛ ꯄꯥꯏꯈꯠꯅꯈ꯭ꯔꯦ꯫ ꯃꯈꯣꯏꯒꯤ ꯃꯅꯨꯡꯗꯒꯤ ꯄꯟꯕ ꯌꯥꯕ ꯈꯔꯗꯤ : ꯑꯦꯃꯣꯅꯤꯌꯥ ꯁꯨꯡꯕꯒꯤ ꯊꯧꯑꯣꯡ ꯑꯁꯤꯗ ꯃꯔꯨ ꯑꯣꯏꯕ ꯔꯣ ꯃꯦꯇꯔꯤꯑꯦꯜ ꯑꯃ ꯑꯣꯏꯔꯤꯕ ꯍꯥꯏꯗ꯭ꯔꯣꯖꯦꯟ ꯒ꯭ꯌꯥꯁꯄꯨ ꯁꯣꯂꯔ ꯑꯦꯅꯔꯖꯤ ꯁꯤꯖꯤꯟꯅꯗꯨꯅ ꯏꯁꯤꯡꯕꯨ ꯊꯨꯒꯥꯏꯔꯒ ꯑꯣꯛꯁꯤꯖꯦꯟꯒ ꯂꯣꯏꯅꯅ ꯐꯪꯍꯟꯕ; ꯆꯨꯅꯕ ꯀꯇꯥꯂꯤꯁꯠ ꯑꯃꯁꯨ ꯁꯤꯖꯤꯟꯅꯔꯒ ꯑꯅꯦꯝꯕ ꯇꯦꯝꯄꯔꯦꯆꯔ ꯑꯃꯁꯨꯡ ꯄ꯭ꯔꯦꯁꯔꯗ ꯍꯥꯏꯗ꯭ꯔꯣꯖꯦꯟ ꯑꯃꯁꯨꯡ ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ (ꯅꯨꯡꯁꯤꯠꯇꯒꯤ ꯂꯧꯁꯤꯜꯂꯒ) ꯗꯒꯤ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯁꯨꯡꯕ; Zeolite ꯀꯨꯝꯕ ꯑꯇꯣꯞꯄ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐ ꯁꯤꯖꯤꯟꯅꯔꯒ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯁꯨꯡꯕ꯫ ꯖꯤꯑꯣꯂꯥꯏꯠ ꯁꯤꯖꯤꯟꯅꯕꯁꯤꯒꯤ ꯈꯨꯗꯣꯡꯆꯥꯗꯕ ꯑꯃꯅ, ꯃꯁꯤꯒ ꯔꯤꯑꯦꯛꯁꯟꯗꯒꯤ ꯐꯪꯂꯛꯂꯤꯕ ꯃꯤꯛꯆꯔ ꯑꯗꯨꯗꯒꯤ ꯑꯦꯃꯣꯅꯤꯌꯥꯕꯨ ꯃꯄꯨꯡ ꯐꯥꯅ ꯆꯨꯞꯁꯤꯟꯕ ꯉꯝꯗꯦ, ꯑꯗꯨꯅ ꯐꯪꯂꯤꯕ ꯑꯦꯃꯣꯅꯤꯌꯥꯒꯤ ꯆꯥꯡ ꯍꯟꯊꯩ꯫ ꯑꯇꯣꯞꯄ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐꯁꯤꯡ ꯁꯤꯖꯤꯟꯅꯕ ꯃꯇꯝꯗꯅ ꯐꯪꯂꯛꯂꯤꯕ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯑꯗꯨꯅ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐꯁꯤꯡꯕꯨ ꯊꯨꯒꯥꯏꯈꯤꯗꯨꯅ ꯑꯔꯦꯝꯕꯗ ꯇꯥꯍꯜꯂꯤ꯫

ꯁ꯭ꯅꯥꯏꯗꯔꯅ ꯂꯨꯆꯤꯡꯗꯨꯅ ꯄꯨꯊꯣꯔꯛꯂꯤꯕ ꯄꯥꯝꯕꯩ ꯑꯁꯤꯗꯅ ꯑꯅꯧꯕ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐ ꯃꯈꯜ ꯑꯃ ꯁꯤꯖꯤꯟꯅꯕꯅꯤ꯫ ꯔꯤꯖꯤꯗ ꯑꯃꯁꯨꯡ ꯄꯣꯔꯁ ꯑꯣꯏꯕ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐ ꯑꯃ ꯐꯪꯍꯟꯅꯕꯒꯤꯗꯃꯛ cyclohexanedicarboxylate haIn Sxnrib AorganiK molikyBuLsiZ Asibu ꯀꯣꯔꯤꯒꯤ ꯑꯦꯇꯝꯁꯤꯡꯒ ꯁꯝꯖꯤꯟꯅꯍꯜꯂꯤ꯫ ꯑꯁꯨꯝꯅ ꯐꯪꯂꯛꯂꯤꯕ ꯑꯦꯝ ꯑꯣꯐ ꯑꯦꯐ ꯑꯁꯤꯕꯨꯗꯤ ꯑꯦꯃꯣꯅꯤꯌꯥꯅ ꯃꯥꯡꯍꯟ-ꯇꯥꯛꯍꯟꯕ ꯇꯧꯔꯝꯗꯦ꯫ ꯑꯗꯨꯝ ꯑꯣꯏꯅꯃꯛ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐ ꯑꯁꯤꯕꯨ ꯀꯣꯔꯤ ꯑꯃꯁꯨꯡ ꯑꯦꯃꯣꯅꯤꯌꯥ ꯌꯥꯎꯕ ꯄꯣꯂꯤꯃꯔꯒꯤ ꯁ꯭ꯇ꯭ꯔꯥꯟꯗꯁꯤꯡꯗ ꯑꯣꯟꯊꯣꯛꯈꯤꯔꯝꯃꯤ꯫ ꯄꯣꯂꯤꯃꯔ ꯑꯁꯤꯗ ꯑꯦꯃꯣꯅꯤꯌꯥꯒꯤ ꯗꯦꯟꯁꯤꯇꯤ ꯌꯥꯝꯅ ꯋꯥꯡꯅ ꯌꯥꯎꯏ꯫ ꯃꯁꯤꯗꯒꯤ ꯑꯦꯃꯣꯅꯤꯌꯥꯕꯨ ꯑꯅꯦꯝꯕ ꯇꯦꯝꯄꯦꯔꯦꯆꯔꯗ ꯂꯧꯊꯣꯛꯄ ꯌꯥꯏ꯫
ꯌꯨ ꯁꯤ ꯕꯔꯛꯂꯤꯡꯒꯤ ꯀꯦꯃꯤꯁꯠꯁꯤꯡꯅ ꯄꯨꯊꯣꯔꯛꯂꯤꯕ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐ ꯑꯁꯤꯅ ꯍꯦꯟꯅ ꯀꯥꯟꯅꯔꯤꯕꯗꯤ ꯃꯁꯤꯕꯨ ꯑꯄꯥꯝꯕ ꯃꯑꯣꯡꯗ ‘ꯇ꯭ꯌꯨꯟ’ ꯇꯧꯕ ꯌꯥꯕ ꯑꯁꯤꯅꯤ, ꯍꯥꯏꯕꯗꯤ ꯑꯀꯛꯅꯕ
ꯊꯧꯑꯣꯡ ꯑꯃꯗ ꯔꯤꯑꯦꯛꯁꯟ ꯀꯟꯗꯤꯁꯟꯁꯤꯡꯒꯤ ꯑꯈꯟꯅꯕ ꯀꯥꯡꯂꯨꯞ ꯑꯃꯗ ꯊꯝꯂꯒ ꯑꯦꯝ ꯑꯣ
ꯑꯦꯐꯇꯨꯒꯤ ꯄꯔꯐꯣꯔꯃꯦꯟꯁ ꯄꯔꯥꯃꯤꯇꯔꯁꯤꯡ - ꯇꯦꯝꯄꯔꯦꯆꯔ ꯑꯃꯁꯨꯡ ꯄ꯭ꯔꯦꯁꯔ - ꯍꯣꯡꯗꯣꯛ
ꯍꯣꯡꯖꯤꯟ ꯇꯧꯍꯟꯕ ꯌꯥꯏ꯫ ꯑꯗꯨꯅ ꯑꯦꯝ ꯑꯣ ꯑꯦꯐ ꯑꯁꯤ ꯌꯨꯔꯤꯌꯥ ꯁꯨꯡꯕꯈꯛꯇ ꯅꯠꯇꯅ ꯑꯇꯣꯞꯄ
ꯏꯟꯗꯁꯇ꯭ꯔꯤꯗꯒꯤ ꯐꯪꯒꯗꯕ ꯄꯣꯠꯊꯣꯛꯁꯤꯡ ꯄꯨꯊꯣꯛꯄꯒꯤ ꯊꯕꯛꯁꯤꯡꯗꯁꯨ ꯁꯤꯖꯤꯟꯅꯕ ꯌꯥꯒꯅꯤ
ꯍꯥꯏꯔꯤ꯫=

ꯑꯀꯣꯏꯕꯒꯤ ꯐꯤꯚꯝꯗ ꯏꯁꯣꯛ-ꯁꯣꯛꯍꯟꯗꯅ ꯑꯦꯝꯃꯣꯅꯤꯌꯥ ꯑꯃꯁꯨꯡ ꯌꯨꯔꯤꯌꯥ ꯁꯨꯡꯕ
ꯁꯥꯏꯟꯁꯀꯤ ꯈꯣꯡꯆꯠ
ꯀꯨꯟꯖꯣ ꯅꯥꯎꯔꯦꯝ
ꯅꯥꯏꯇ꯭ꯔꯣꯖꯦꯟ ꯑꯃꯁꯨꯡ ꯍꯥꯏꯗ꯭ꯔꯣꯖꯦꯟꯒꯤ ꯑꯃꯣꯅꯤꯌꯥ ꯁꯨꯡꯂꯒ ꯌꯨꯔꯤ ꯐꯪꯂꯛꯄꯒꯤ ꯃꯑꯣꯡ
ꯀꯣꯔꯤꯒꯤ ꯑꯦꯇꯝꯁꯤꯡ ꯑꯃꯁꯨꯡ ꯑꯣꯛꯁꯤꯖꯦꯟ ꯑꯃꯗꯤ ꯀꯥꯔꯕꯟ ꯌꯥꯎꯔꯤꯕ
cyclohexanedicarboxylate UTlib metL-AorganiK frBeMwrK

ꯂꯩꯕꯥꯛ ꯑꯁꯤꯗ ꯎꯀꯤꯜꯅ ꯂꯧꯔꯤꯕ ꯊꯧꯗꯥꯡ, ꯃꯍꯥꯛꯀꯤ ꯏꯀꯥꯏꯈꯨꯝꯅꯐꯝ - 1
ꯑꯥꯏꯟ ꯆꯠꯅꯗꯨꯅ ꯗꯦꯃꯣꯀ꯭ꯔꯦꯁꯤ ꯆꯠꯄ
ꯄ꯭ꯔꯤꯊꯤꯕꯤꯒꯤ ꯂꯩꯕꯥꯛꯁꯤꯡ ꯂꯩꯍꯧꯔꯤꯕ
ꯄ꯭ꯔꯊꯤꯕꯤꯒꯤ ꯂꯩꯍꯧꯔꯤꯕ ꯂꯩꯕꯥꯛꯁꯤꯡꯅ ꯏꯀꯥꯏꯈꯨꯝꯅꯩ꯫ ꯃꯗꯨ ꯅꯠꯇꯗꯨꯅ ꯗꯤꯛꯇꯦꯇꯔꯁꯤꯞꯀꯤ
ꯃꯇꯧꯒꯨꯝ ꯆꯠꯊꯕ ꯑꯥꯏꯟ ꯂꯩꯇꯕꯗꯨꯗꯤ ꯈꯨꯟꯅꯥꯏ ꯑꯃ ꯂꯩꯇꯕꯒꯨꯝ ꯃꯤꯑꯣꯏꯕ ꯀꯥꯡꯂꯨꯞꯅ
ꯈꯨꯜꯂꯤꯡꯗ꯭ꯔꯤꯉꯩꯒꯤ ꯅꯨꯡꯒꯤ ꯌꯨꯒꯀꯤ ꯃꯇꯧꯅꯤ ꯍꯥꯏꯅꯔꯤꯕꯅꯤ꯫ ꯃꯔꯝꯁꯤꯅ ꯑꯥꯏꯟ ꯆꯠꯅꯍꯟꯗꯨꯅ,
ꯖꯨꯗꯤꯁꯤꯌꯔꯤ ꯁꯤꯁꯇꯝ ꯑꯁꯤꯕꯨ ꯏꯀꯥꯏꯈꯨꯝꯅꯕ ꯍꯥꯏꯕꯁꯤꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯆꯥꯎꯈꯠꯄ ꯂꯩꯕꯥꯛ ꯍꯥꯏꯕꯗꯨ ꯑꯣꯏꯔꯤ꯫ ꯃꯔꯝꯁꯤꯅ ꯑꯥꯏꯟ ꯆꯠꯅꯍꯟꯗꯨꯅ, ꯖꯨꯗꯤꯁꯤꯌꯔꯤꯒꯤ ꯅꯤꯡꯇꯝꯕ ꯑꯁꯤ ꯇꯉꯥꯏꯐꯗꯦ꯫ ꯃꯁꯤꯗ ꯀꯥꯡꯂꯨꯞ, ꯂꯨꯞ ꯅꯠꯇ꯭ꯔꯒ ꯂꯩꯉꯥꯛ ꯄꯥꯏꯔꯤꯕꯁꯤꯡꯅ ꯄ꯭ꯔꯦꯁꯔ ꯅꯠꯇ꯭ꯔꯒ ꯈꯨꯠ ꯊꯤꯡꯖꯤꯜꯂꯛꯄꯗ ꯖꯨꯗꯤꯁꯤꯌꯔꯤ ꯅꯠꯇ꯭ꯔꯒ ꯗꯦꯃꯣꯀ꯭ꯔꯦꯁꯤꯒꯤ ꯃꯁꯛ ꯊꯤꯍꯜꯂꯤ꯫ ꯈꯨꯠ ꯊꯤꯡꯖꯤꯜꯂꯕꯗꯤ ꯑꯥꯏꯟ ꯆꯠꯅꯕ ꯂꯩꯕꯥꯛ ꯑꯃꯒꯤ ꯋꯥꯍꯟꯊꯣꯛꯁꯨ ꯂꯩꯔꯛꯂꯔꯣꯏ꯫ ꯑꯃꯨꯛꯁꯨ ꯂꯩꯕꯥꯛ ꯑꯁꯤꯗ ꯁꯣꯠꯁꯕꯤ ꯃꯈꯣꯡ ꯑꯍꯨꯝꯅ ꯂꯩꯕꯥꯛ ꯑꯁꯤ ꯂꯦꯡ ꯑꯣꯠꯂꯤ꯫ ꯃꯈꯣꯏ ꯑꯗꯨꯗꯤ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯑꯥꯏꯟ ꯁꯦꯝꯕꯗ ꯃꯔꯨ ꯑꯣꯏꯕ ꯔꯣꯜ ꯂꯧꯔꯤꯕ ꯚꯣꯠ ꯀꯥꯍꯜꯂꯒ ꯊꯥꯒꯠꯂꯛꯂꯤꯕ ꯃꯤꯍꯨꯠ ꯂꯦꯖꯤꯁꯂꯦꯆꯔꯁꯤꯡ, ꯃꯁꯤꯕꯨ ꯂꯦꯡ ꯑꯣꯠꯇꯨꯅ ꯏꯝꯄ꯭ꯂꯤꯃꯦꯟꯠ ꯇꯧꯅꯕ ꯑꯦꯒꯖꯤꯀ꯭ꯌꯨꯇꯤꯚ ꯑꯣꯐꯤꯁꯔꯁꯤꯡ ꯑꯃꯗꯤ ꯈꯨꯗꯤꯡꯃꯛꯁꯤꯡ ꯑꯁꯤꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯃꯔꯨ ꯑꯣꯏꯅ ꯑꯃꯨꯛ ꯑꯆꯨꯝ ꯑꯔꯥꯟ ꯋꯥꯌꯦꯟ ꯆꯠꯊꯗꯨꯅ ꯑꯆꯨꯝꯕ ꯑꯃꯗꯤ ꯍꯛ ꯀꯌꯥ ꯐꯪꯅꯕ ꯍꯣꯠꯅꯔꯤꯕ ꯖꯨꯗꯤꯁꯤꯌꯔꯤꯁꯤꯅꯤ꯫ ꯁꯥꯁꯟꯅ ꯚꯣꯠ ꯀꯥꯈ꯭ꯔꯕꯁꯤꯡꯅ ꯁꯦꯝꯃꯤ꯫ ꯑꯗꯨꯕꯨ ꯑꯃꯨꯛ ꯑꯇꯩ ꯑꯥꯏ ꯑꯦ ꯑꯦꯁ ꯑꯇꯩ ꯑꯇꯩ ꯑꯣꯐꯤꯁꯔꯁꯤꯡꯅ ꯂꯦꯡ ꯑꯣꯠꯍꯜꯂꯤ꯫ ꯈꯨꯗꯤꯡꯃꯛꯁꯤꯡꯒꯤ ꯍꯦꯟꯅ ꯃꯀꯨꯞ ꯇꯥꯅ ꯂꯣ
ꯁꯦꯝꯂꯤꯕꯁꯤꯡ ꯑꯃꯗꯤ ꯑꯣꯐꯤꯁꯔꯁꯤꯡꯅ
ꯑꯔꯥꯟ ꯑꯍꯨꯏ ꯌꯥꯎꯔꯛꯇꯨꯅ ꯑꯣꯟꯅ-ꯇꯩꯅ
ꯂꯥꯛꯄꯗ ꯖꯨꯗꯤꯁꯤꯌꯔꯤꯡꯅ ꯑꯆꯨꯝ ꯑꯔꯥꯟ ꯄꯨꯊꯣꯛꯅꯕ ꯋꯥꯌꯦꯜꯂꯤ꯫ ꯃꯁꯤꯗ ꯋꯥꯌꯦꯜꯂꯤꯕ ꯋꯥꯌꯦꯜ ꯃꯄꯨ (ꯖꯖ) ꯑꯃꯗꯤ ꯋꯥꯌꯦꯜꯁꯪꯗ ꯑꯆꯨꯝ ꯑꯔꯥꯟ ꯅꯩꯅꯔꯤꯕ ꯎꯀꯤꯜꯁꯤꯡ ꯑꯁꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯃꯔꯨ ꯑꯣꯏꯕ ꯃꯤꯁꯛ ꯀꯥꯡꯂꯨꯞꯁꯤꯡꯗꯨ ꯑꯣꯏꯔꯤ ꯍꯥꯏꯕꯁꯤ ꯌꯦꯠꯅꯕ ꯌꯥꯎꯗ꯭ꯔꯕ ꯑꯈꯪ ꯑꯍꯩꯁꯤꯡꯒꯤ
ꯃꯣꯠ ꯑꯣꯏꯔꯤ꯫

ꯍꯧꯖꯤꯛ ꯋꯥꯌꯦꯜ ꯃꯄꯨ (ꯖꯖ) ꯗ ꯑꯄꯤꯛꯄ ꯀꯣꯔꯠꯇꯒꯤꯅ ꯏꯟꯗꯤꯌꯥꯒꯤ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯋꯥꯡꯕ ꯁꯨꯄ꯭ꯔꯤꯝ ꯀꯣꯔꯠ ꯐꯥꯎꯕꯗ ꯂꯩꯔꯤꯕꯁꯤꯡ ꯑꯁꯤ ꯑꯇꯣꯞ ꯑꯇꯣꯞꯄ ꯍꯤꯔꯝ ꯑꯃꯠꯇꯗꯒꯤ ꯂꯥꯛꯄ ꯑꯣꯏꯔꯝꯗ꯭ꯔꯦ꯫ ꯃꯈꯣꯏ ꯑꯁꯤ ꯆꯨꯝꯅꯇꯒꯤ ꯎꯀꯤꯜ ꯍꯥꯏꯕ ꯁꯤꯟꯐꯝꯗꯨꯗꯒꯤ ꯑꯣꯏꯔꯛꯄꯅꯤ꯫ ꯎꯀꯤꯜꯒꯤ ꯕꯤꯗ꯭ꯌꯥ ꯇꯝꯂꯛꯄ, ꯑꯣꯏꯔꯛꯄꯗꯅ ꯈꯛꯇꯗꯝ ꯖꯖ ꯑꯁꯤ ꯑꯣꯏꯔꯤ꯫ ꯄꯨꯂꯤꯁ ꯑꯣꯐꯤꯁꯔꯅ ꯈꯣꯡ ꯊꯤꯟꯗꯨꯅ ꯁꯂꯥꯝ ꯀꯣꯠꯂꯤꯕ ꯋꯥꯌꯦꯜꯁꯪꯒꯤ ꯃꯄꯨꯁꯤ ꯎꯀꯤꯜꯅ ꯑꯣꯏ꯫ ꯑꯗꯨꯅꯗꯤ ꯎꯀꯤꯜꯒꯤ ꯏꯀꯥꯏꯈꯨꯝꯅꯕꯁꯤꯒꯤ ꯃꯐꯝꯁꯤ ꯆꯥꯎꯅ ꯍꯧꯈꯤꯕ ꯆꯍꯤꯁꯤꯡꯗꯒꯤ ꯍꯧꯖꯤꯛ ꯐꯥꯎꯕ ꯀꯜꯂꯤ꯫ ꯎꯀꯤꯜ ꯑꯃꯒꯤ ꯄꯨꯟꯁꯤꯗ ꯃꯥꯏꯀꯩ ꯀꯌꯥꯗꯒꯤ ꯄꯨꯟꯁꯤꯒꯤ ꯁꯤꯡꯅꯕ ꯀꯌꯥ ꯊꯦꯡꯅꯩ, ꯊꯕꯛ ꯑꯣꯏꯅ ꯄꯥꯡꯊꯣꯛꯅꯩ꯫ ꯊꯧꯗꯥꯡ ꯀꯌꯥ ꯊꯋꯥꯏ ꯈꯨꯕꯥꯛꯇ ꯍꯥꯞꯇꯨꯅ ꯍꯣꯠꯅꯕꯒꯤ ꯃꯃꯜ ꯈꯔꯈꯛꯅꯤ ꯃꯈꯣꯏꯒꯤ ꯐꯤꯁ ꯑꯣꯏꯅ ꯂꯧꯔꯤꯕ꯫ ꯃꯁꯤꯗ ꯑꯩꯕꯨ ꯎꯀꯤꯜ ꯑꯣꯏꯅ ꯄꯨꯊꯣꯛꯄꯤꯔꯛꯄ ꯁꯤꯅꯤꯌꯔ ꯑꯦꯗꯚꯣꯀꯦꯠ, ꯃꯥꯏꯕꯝ ꯍꯦꯝꯆꯟꯗ꯭ꯔ, ꯃꯅꯤꯄꯨꯔ ꯍꯥꯏ ꯀꯣꯔꯠꯀꯤ ꯁꯛꯅꯥꯏꯔꯕ ꯎꯀꯤꯜꯁꯤꯅ ꯑꯩꯈꯣꯏ ꯖꯨꯅꯤꯌꯔꯁꯤꯡꯒ, ꯑꯩꯅ ꯆꯦꯝꯕꯔ ꯄꯨꯜꯂꯤꯉꯩꯗ ꯁꯛꯅꯥꯏꯔꯕ ꯎꯀꯤꯜ ꯖꯖ ꯀꯌꯥꯒꯤ ꯄꯨꯟꯁꯤ ꯋꯥꯔꯤ ꯅꯩꯅꯕꯗ ꯍꯥꯏꯈꯤꯕ ꯋꯥꯍꯩ No Pain No Pleasure ꯍꯥꯏꯕꯗꯨ ꯑꯆꯨꯝꯕꯅꯤ꯫ ꯍꯥꯏꯕꯗꯤ ꯆꯩꯅ ꯐꯪꯕ ꯅꯨꯡꯉꯥꯏꯅ ꯑꯄꯦꯟꯕ ꯐꯪꯂꯣꯏ ꯍꯥꯏꯕꯅꯤ꯫ ꯃꯤꯆꯝ ꯅꯠꯇ꯭ꯔꯒ ꯑꯣꯐꯤꯁꯔ ꯑꯃꯅ ꯑꯥꯏꯟꯒꯤ ꯂꯥꯏꯔꯤꯛ ꯑꯃꯒꯤ ꯁꯦꯟꯇꯦꯟꯁ ꯑꯃ ꯄꯥꯕꯗ ꯎꯀꯤꯜ ꯑꯃꯅ ꯁꯦꯟꯇꯦꯟꯁꯇꯨꯒꯤ ꯋꯥꯍꯩꯁꯤꯡ, ꯋꯥꯍꯩꯁꯤꯡꯗꯨꯒꯤ ꯑꯥꯏꯟꯒ ꯃꯔꯤ ꯂꯩꯅꯕ ꯀꯌꯥ ꯍꯅꯨꯃꯥꯟ ꯃꯃꯩꯒꯨꯝ ꯂꯣꯏꯕ ꯅꯥꯏꯗꯅ ꯆꯤꯡꯊꯣꯛꯂꯒ ꯄꯥꯏ꯫ ꯑꯗꯨꯅ ꯂꯥꯏꯔꯤꯛ ꯀꯟꯅ ꯄꯥꯕ ꯎꯀꯤꯜ ꯑꯃꯗ ꯃꯆꯥꯛ ꯈꯔꯃꯈꯩꯗꯤ ꯄꯤꯛ ꯊꯟꯅ ꯌꯥꯎꯏ꯫ ꯃꯁꯤꯅ ꯑꯣꯏꯕ ꯇꯥꯏ ꯂꯥꯔꯅꯦꯗ ꯍꯥꯏꯕꯗꯤ ꯇꯝꯕ ꯂꯣꯏꯗꯨꯅ ꯈꯪꯂꯕ ꯍꯥꯏꯕ ꯋꯥꯍꯩ ꯁꯤꯖꯤꯟꯅꯔꯤꯕ꯫ ꯃꯇꯥꯡꯁꯤꯗ ꯅꯤꯡꯁꯤꯡꯂꯛꯄ ꯑꯃꯗꯤ ꯑꯩꯈꯣꯏꯒꯤ ꯏꯃꯥꯅ ꯁꯒꯣꯜ ꯀꯥꯡꯖꯩꯗ, ꯁꯒꯣꯜꯕꯨ ꯂꯨꯅ ꯂꯧꯖꯕ ꯑꯃꯗꯤ ꯋꯥꯅ ꯀꯠꯊꯣꯔꯛꯆꯔꯛꯄ ꯀꯌꯥꯕꯨ ꯀꯣꯏꯊꯤ ꯊꯤꯗꯨꯅ ꯗꯣꯀ꯭ꯌꯨꯃꯦꯟꯇꯔꯤ ꯐꯤꯜꯝ ꯅꯝꯕ ꯂꯥꯛꯂꯝꯕꯤ ꯅꯨꯄꯤꯃꯆꯥꯗꯨꯅ ꯑꯩꯉꯣꯟꯗ ꯍꯥꯏꯔꯝꯕ “ꯗꯥ ꯄ꯭ꯔꯦꯝ ꯑꯩꯁꯦ ꯑꯩꯈꯣꯏ ꯕꯥꯕꯥꯅ ꯎꯀꯤꯜ ꯑꯣꯏꯍꯟꯅꯤꯡꯗꯨꯅ ꯎꯀꯤꯜ ꯇꯝꯍꯜꯂꯤ꯫ ꯃꯗꯨ ꯃꯍꯥꯛꯅ ꯄꯨꯂꯤꯁ ꯗꯤꯄꯥꯔꯠꯃꯦꯟꯠꯇ ꯀꯃꯥꯟꯗꯦꯟꯠ ꯑꯣꯏꯅ ꯂꯩꯔꯤꯉꯩꯗ ꯎꯀꯤꯜꯁꯤꯡꯒꯤ ꯃꯇꯧꯁꯤꯡ ꯃꯈꯣꯏꯒꯤ ꯇꯧꯕ ꯉꯝꯕꯗꯨ ꯎꯔꯒ ꯇꯝꯍꯟꯅꯤꯡꯕꯖꯥꯠꯅꯤ꯫ ꯑꯗꯨꯕꯨ ꯑꯩꯅ ꯑꯇꯣꯞꯄ ꯂꯥꯏꯟꯗ ꯆꯠꯄꯗꯨ ꯕꯕꯥꯅꯗꯤ ꯍꯔꯥꯎꯗꯦ” ꯍꯥꯏꯕꯗꯨ
ꯅꯤꯡꯁꯤꯡꯂꯛꯏ꯫

ꯃꯁꯤ ꯆꯨꯝꯕꯖꯥꯠꯅꯤ ꯑꯩꯈꯣꯏꯁꯨ ꯑꯦꯛꯇꯤꯚꯤꯁꯠ ꯑꯣꯏꯅ ꯄ꯭ꯔꯦꯁꯔ ꯒ꯭ꯔꯨꯞꯇ ꯌꯥꯎꯗꯨꯅ ꯏꯟꯕꯗ ꯆꯠꯂꯛꯇꯕꯗ ꯎꯀꯤꯜꯅ ꯀꯦꯁ ꯊꯥꯗꯨꯅ ꯆꯦ ꯏꯗꯨꯅ ꯃꯊꯧ ꯇꯧꯔꯛꯂꯕ ꯃꯇꯝꯗ ꯆꯠꯄ ꯈꯔꯁꯨ ꯑꯩꯈꯣꯏꯅ ꯊꯦꯡꯅꯖꯍꯧꯏ꯫ ꯃꯗꯨꯗꯒꯤ ꯑꯩꯅ ꯈ꯭ꯋꯥꯏꯗꯒꯤ ꯄꯥꯝꯖꯕ ꯁꯤꯟꯐꯝ ꯑꯣꯖꯥꯗꯒꯤ ꯅꯨꯄꯥ ꯊꯣꯛꯅ ꯀꯔꯤꯒꯨꯝꯕ ꯈꯔ ꯇꯧꯅꯤꯡꯂꯛꯄꯗꯒꯤ ꯎꯀꯤꯜ ꯇꯝꯂꯛꯈꯤꯕꯅꯤ꯫ ꯎꯀꯤꯜ ꯑꯣꯏꯔꯀꯥꯟꯗꯗ hOjKit ꯄꯦꯟꯖꯕ ꯍꯧꯔꯛꯏ꯫ ꯈꯪꯗꯕ ꯈꯔꯅꯗꯤ ꯎꯀꯤꯜꯅ ꯁꯦꯜ ꯄꯥꯝꯕ ꯈꯛꯇ ꯑꯣꯏꯅ ꯎꯔꯤ꯫ ꯑꯍꯤꯡ ꯀꯌꯥ ꯇꯨꯝꯗꯅ, ꯅꯣꯡꯉꯥꯜꯂꯝꯗꯥꯏ ꯐꯥꯎꯕ ꯂꯥꯏꯔꯤꯛ ꯄꯥꯗꯨꯅ, ꯀꯦꯁ ꯅꯝꯗꯨꯅ ꯗꯔꯈꯥꯁꯠꯀꯥꯔꯤꯅ ꯇꯨꯝꯗꯨꯅ, ꯄꯣꯠꯊꯥꯗꯨꯅ ꯂꯩꯔꯕ ꯐꯥꯎꯕꯗ ꯎꯀꯤꯜꯅ ꯃꯍꯥꯛꯀꯤꯗꯃꯛꯇ ꯕꯂꯤꯒꯤ ꯍꯥꯃꯦꯡꯒꯨꯝ ꯊꯣꯗꯥꯡ ꯂꯧꯗꯨꯅ ꯍꯣꯠꯅꯔꯤꯕꯗꯨ ꯎꯕꯤꯗꯕꯒꯨꯝ ꯄꯩꯁꯥ ꯆꯥꯕꯒꯨꯝ ꯈꯟꯕꯤꯒꯦ ꯇꯧꯏ꯫ ꯆꯥꯕ ꯊꯛꯄ ꯃꯇꯝ ꯅꯥꯏꯗꯅ ꯃꯈꯣꯏꯒꯤꯗꯃꯛꯇ ꯎꯀꯤꯜꯒꯤ ꯍꯛꯆꯥꯡꯒꯤ ꯄꯨꯟꯁꯤ ꯇꯦꯟꯁꯤꯟꯅꯕ ꯃꯆꯥꯛ ꯌꯥꯎꯅ ꯀꯠꯊꯣꯛꯄ ꯀꯅꯥꯅꯁꯨ ꯎꯕꯤꯗꯦ꯫
ꯑꯃꯨꯛꯁꯨ ꯆꯦꯂꯦꯟꯖꯤꯡ ꯑꯣꯏꯕ ꯀꯦꯁ ꯀꯌꯥꯒꯤ ꯂꯥꯏꯔꯤꯛ ꯄꯥꯕꯗ, ꯅꯝꯕꯗ ꯑꯍꯤꯡ ꯀꯌꯥ ꯃꯗꯨꯒꯤ ꯋꯥꯈꯜ ꯂꯧꯁꯤꯡ ꯁꯤꯖꯤꯟꯅꯈꯤꯕꯗꯒꯤ ꯀꯣꯛꯇ ꯃꯅꯤꯜ ꯀꯥꯗꯨꯅ ꯇꯨꯝꯕ ꯌꯥꯗꯕꯁꯨ ꯀꯌꯥꯅꯤ, ꯏꯃꯨꯡꯒꯤ ꯌꯨꯝꯕꯥꯜ ꯀꯥꯏꯕꯐꯥꯎ ꯌꯥꯎꯅꯔꯤꯕꯅꯤ꯫ ꯃꯔꯝꯁꯤꯅ ꯁꯥꯎꯔꯛꯂꯕ ꯃꯇꯝꯗ ꯑꯩꯅ ꯍꯥꯏꯕ “ꯅꯈꯣꯏꯒꯤ ꯅꯆꯥꯁꯨ ꯎꯀꯤꯜ ꯑꯃꯨꯛꯇ ꯑꯣꯏꯍꯜꯂꯣ ꯃꯗꯨꯗ ꯑꯋꯥꯕ ꯈꯪꯂꯛꯀꯅꯤ” ꯍꯥꯏꯕꯗꯨ
ꯅꯤꯡꯁꯤꯡꯂꯛꯏ꯫=

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