The group G is isomorphic to the group labelled by [24, 3] in the Small Groups library.
Ordinary character table of $G \cong$ SL(2,3):

	$1a$	$2a$	$4a$	$3a$	$6a$	$3b$	$6b$
χ_1	1	1	1	1	1	1	1
χ_2	1	1	1	$E(3)$	$E(3)$	$E(3)^2$	$E(3)^2$
χ_3	1	1	1	$E(3)^2$	$E(3)^2$	$E(3)$	$E(3)$
χ_4	3	3	-1	0	0	0	0
χ_5	2	-2	0	-1	1	-1	1
χ_6	2	-2	0	$-E(3)$	$E(3)$	$-E(3)^2$	$E(3)^2$
χ_7	2	-2	0	$-E(3)^2$	$E(3)^2$	$-E(3)$	$E(3)$

Trivial source character table of $G \cong$ SL(2,3) at $p = 3$:

Normalisers N_i	N_1			N_2	
p-subgroups of G up to conjugacy in G	P_1			P_2	
Representatives $n_j \in N_i$	$1a$	$4a$	$2a$	$1a$	$2a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	3	3	3	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7$	6	0	-6	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	3	-1	3	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7$	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7$	4	0	-4	1	-1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,2,6)(3,8,20)(4,16,13)(5,9,15)(7,14,10)(11,18,24)(12,23,21)(17,22,19)]) \cong$ C3

$N_1 = Group([(1,2,6)(3,8,20)(4,16,13)(5,9,15)(7,14,10)(11,18,24)(12,23,21)(17,22,19), (1,3,5,11)(2,7,9,17)(4,19,12,10)(6,13,15,21)(8,23,18,16)(14,24,22,20), (1,4,5,12)(2,8,9,18)(3,10,11,19)(6,14,15,22)(7,16,17,23)(13,20,21,24), (1,5)(2,9)(3,11)(4,12)(6,15)(7,17)(8,18)(10,19)(13,21)(14,22)(16,23)(20,24)]) \cong$ SL(2,3)
$N_2 = Group([(1,2,6)(3,8,20)(4,16,13)(5,9,15)(7,14,10)(11,18,24)(12,23,21)(17,22,19), (1,5)(2,9)(3,11)(4,12)(6,15)(7,17)(8,18)(10,19)(13,21)(14,22)(16,23)(20,24)]) \cong$ C6