The group G is isomorphic to the group labelled by $[\,26, 1\,]$ in the Small Groups library.

Ordinary character table of $G \cong D26$:

	$1a$	$2a$	$13a$	$13b$	$13c$	$13d$	$13e$	$13f$
χ_1	1	1	1	1	1	1	1	1
χ_2	1	-1	1	1	1	1	1	1
χ_3	2	0	$E(13)^2 + E(13)^{11}$	$E(13)^3 + E(13)^{10}$	$E(13)^6 + E(13)^7$	$E(13)^4 + E(13)^9$	$E(13)^5 + E(13)^8$	$E(13) + E(13)^{12}$
χ_4	2	0	$E(13)^6 + E(13)^7$	$E(13)^4 + E(13)^9$	$E(13)^5 + E(13)^8$	$E(13) + E(13)^{12}$	$E(13)^2 + E(13)^{11}$	$E(13)^3 + E(13)^{10}$
χ_5	2	0	$E(13)^5 + E(13)^8$	$E(13) + E(13)^{12}$	$E(13)^2 + E(13)^{11}$	$E(13)^3 + E(13)^{10}$	$E(13)^6 + E(13)^7$	$E(13)^4 + E(13)^9$
χ_6	2	0	$E(13) + E(13)^{12}$	$E(13)^5 + E(13)^8$	$E(13)^3 + E(13)^{10}$	$E(13)^2 + E(13)^{11}$	$E(13)^4 + E(13)^9$	$E(13)^6 + E(13)^7$
χ_7	2	0	$E(13)^3 + E(13)^{10}$	$E(13)^2 + E(13)^{11}$	$E(13)^4 + E(13)^9$	$E(13)^6 + E(13)^7$	$E(13) + E(13)^{12}$	$E(13)^5 + E(13)^8$
χ_8	2	0	$E(13)^4 + E(13)^9$	$E(13)^6 + E(13)^7$	$E(13) + E(13)^{12}$	$E(13)^5 + E(13)^8$	$E(13)^3 + E(13)^{10}$	$E(13)^2 + E(13)^{11}$

Trivial source character table of $G \cong D26$ at $p = 2$:

Normalisers N_i									N_1							N_2
p-subgroups of G up to conjugacy in G									P_1							P_2
Representatives $n_j \in N_i$									$1a$	$13a$	$13d$	$13c$	$13e$	$13b$	$13f$	$1a$
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$									2	2	2	2	2	2	2	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$									2	$E(13)^2 + E(13)^{11}$	$E(13)^4 + E(13)^9$	$E(13)^6 + E(13)^7$	$E(13)^5 + E(13)^8$	$E(13)^3 + E(13)^{10}$	$E(13) + E(13)^{12}$	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$									2	$E(13)^6 + E(13)^7$	$E(13) + E(13)^{12}$	$E(13)^5 + E(13)^8$	$E(13)^2 + E(13)^{11}$	$E(13)^4 + E(13)^9$	$E(13)^3 + E(13)^{10}$	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8$									2	$E(13)^4 + E(13)^9$	$E(13)^5 + E(13)^8$	$E(13) + E(13)^{12}$	$E(13)^3 + E(13)^{10}$	$E(13)^6 + E(13)^7$	$E(13)^2 + E(13)^{11}$	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 1 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$									2	$E(13) + E(13)^{12}$	$E(13)^2 + E(13)^{11}$	$E(13)^3 + E(13)^{10}$	$E(13)^4 + E(13)^9$	$E(13)^5 + E(13)^8$	$E(13)^6 + E(13)^7$	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8$									2	$E(13)^3 + E(13)^{10}$	$E(13)^6 + E(13)^7$	$E(13)^4 + E(13)^9$	$E(13) + E(13)^{12}$	$E(13)^2 + E(13)^{11}$	$E(13)^5 + E(13)^8$	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 1 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$									2	$E(13)^5 + E(13)^8$	$E(13)^3 + E(13)^{10}$	$E(13)^2 + E(13)^{11}$	$E(13)^6 + E(13)^7$	$E(13) + E(13)^{12}$	$E(13)^4 + E(13)^9$	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8$									1	1	1	1	1	1	1	1

$P_1 = Group([()]) \cong 1$
$P_2 = Group([(1,2)(3,26)(4,25)(5,24)(6,23)(7,22)(8,21)(9,20)(10,19)(11,18)(12,17)(13,16)(14,15)]) \cong C2$

$N_1 = Group([(1,2)(3,26)(4,25)(5,24)(6,23)(7,22)(8,21)(9,20)(10,19)(11,18)(12,17)(13,16)(14,15), (1,3,5,7,9,11,13,15,17,19,21,23,25)(2,4,6,8,10,12,14,16,18,20,22,24,26)]) \cong D26$
$N_2 = Group([(1,2)(3,26)(4,25)(5,24)(6,23)(7,22)(8,21)(9,20)(10,19)(11,18)(12,17)(13,16)(14,15)]) \cong C2$