The group G is isomorphic to the group labelled by [32, 35] in the Small Groups library.

Ordinary character table of $G \cong$ C4 : Q8:

	1a	4a	4b	4c	2a	2b	4d	4e	4f	4g	4h	2c	4i	4j
χ_1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
χ_2	1	−1	−1	−1	1	1	1	1	1	1	−1	−1	1	−1
χ_3	1	−1	−1	−1	1	1	−1	−1	−1	−1	1	1	1	−1
χ_4	1	−1	1	−1	1	−1	−1	1	−1	1	−1	1	1	−1
χ_5	1	−1	1	1	1	1	−1	−1	1	−1	1	−1	1	−1
χ_6	1	1	−1	−1	1	1	−1	−1	1	−1	−1	1	1	1
χ_7	1	1	−1	1	1	−1	−1	1	−1	1	−1	−1	1	1
χ_8	1	1	1	−1	1	−1	1	−1	−1	−1	1	−1	−1	−1
χ_9	2	0	2	0	2	−2	0	0	0	0	−2	0	−2	0
χ_{10}	2	0	−2	0	2	−2	0	0	0	0	2	0	−2	0
χ_{11}	2	0	0	−2	−2	2	0	0	0	2	0	−2	0	0
χ_{12}	2	0	0	−2	−2	2	0	0	0	−2	0	2	0	0
χ_{13}	2	0	0	2	−2	2	0	0	0	−2	0	2	0	−2
χ_{14}	2	0	0	−2	−2	2	0	0	0	0	−2	−2	0	0

Trivial source character table of $G \cong$ C4 : Q8 at $p = 2$:

[Large trivial source character table with normalisers N_i, p-subgroups P_i, and representatives $n_j \in N_i$ — columns N_1 through N_{34}.]