

RoHs Compliance Report for Remote Controller

This report details the Restriction of Hazardous Substances (RoHs) compliance status for the "Remote Controller" (Part ID: REMOTE-001) based on the regulations stipulated by the European Union.

European Union: Substance Tolerance Limits

The following table outlines the maximum concentration values for restricted substances in the European Union. All limits are defined by weight in homogeneous materials.

Substance Name	Symbol	Maximum Concentration
Lead	Pb	≤ 0.1 %
Mercury	Hg	≤ 0.1 %
Cadmium	Cd	≤ 0.01 %
Hexavalent chromium	Cr(VI)	≤ 0.1 %
Polybrominated biphenyls	PBB	≤ 0.1 %
Polybrominated diphenyl ethers	PBDE	≤ 0.1 %
Bis(2-ethylhexyl) phthalate	DEHP	≤ 0.1 %
Butyl benzyl phthalate	BBP	≤ 0.1 %
Dibutyl phthalate	DBP	≤ 0.1 %
Diisobutyl phthalate	DIBP	≤ 0.1 %

Overall Compliance Summary

The product has been evaluated against the regulatory requirements of the specified jurisdiction.

Part ID	Part Name	Jurisdiction	Compliance Status
REMOTE-001	Remote Controller	European Union	✅ Compliant

Result: No violations were found for the product.

Detailed Bill of Materials (BOM) Analysis

The following section provides a compliance breakdown for the individual components of the Remote Controller.

Part: PCB Assembly (PCB-ASSY-001)

Compliance Status: ✅ Compliant

Substance	Measured Concentration	Jurisdiction Limit	Note
Lead (Pb)	0.0000009 %	≤ 0.1 %	Substance passes the requirements of the given jurisdiction.
Tin (Sn)	99.9 %	N/A	No regulation for Tin was found in the given jurisdiction.

Part: Plastic Casing (CASING-001)

Compliance Status: ☒ Compliant

Substance	Measured Concentration	Jurisdiction Limit	Note
Brominated Flame Retardants (PBDE)	0.0000005 %	≤ 0.1 %	Substance passes the requirements of the given jurisdiction.