```c
 */
int8_t bme680_get_sensor_data(struct bme680_field_data *data, struct bme680_dev *dev)
{
    int8_t rslt;

    /* Check for null pointer in the device structure*/
    rslt = null_ptr_check(dev);
    if (rslt == BME680_OK) {
        /* Reading the sensor data in forced mode only */
        rslt = read_field_data(data, dev);
        if (rslt == BME680_OK) {
            if (data->status & BME680_NEW_DATA_MSK)
                dev->new_fields = 1;
            else
                dev->new_fields = 0;
        }
    }

    return rslt;
}

/*!
 * @brief This internal API is used to read the calibrated data from the sensor.
 */
static int8_t get_calib_data(struct bme680_dev *dev)
{
    int8_t rslt;
    uint8_t coeff_array[BME680_COEFF_SIZE] = { 0 };
    uint8_t temp_var = 0; /* Temporary variable */

    /* Check for null pointer in the device structure*/
    rslt = null_ptr_check(dev);
    if (rslt == BME680_OK) {
        rslt = bme680_get_regs(BME680_COEFF_ADDR1, coeff_array, BME680_COEFF_ADDR1_LEN, dev);
        /* Append the second half in the same array */
        if (rslt == BME680_OK)
            rslt = bme680_get_regs(BME680_COEFF_ADDR2, &coeff_array[BME680_COEFF_ADDR1_LEN]
```