

1884961 - CKM3 Valuated Quantity Structure sub-total value not equal to sum of items

Version	9	Type	SAP Knowledge Base Article
Language	English	Master Language	English
Release Status	Released to Customer	Category	How To
Component	CO-PC-ACT (Actual Costing/Material Ledger)	Released On	28.03.2019

Please find the original document at <https://launchpad.support.sap.com/#/notes/1884961>

Symptom

When you browse the Valuated Quantity Structure view in Transaction code CKM3, you find the sub-total value is not equal to the sum value of the items.

Environment

- Financial Accounting (FI).
- Controlling (CO).
- SAP R/3.
- SAP R/3 Enterprise 4.7.
- SAP ERP Central Component.
- SAP ERP.
- SAP enhancement package for SAP ERP.
- SAP enhancement package for SAP ERP, version for SAP HANA.

Reproducing the Issue

1. Go to Transaction code: CKM3.
2. Input Material, Plant, Year and Period, then press "Enter".
3. Press button "Show/Hide Valuated Quantity Structure (Shift+F8)" on the toolbar.
4. Compare the value between sub-total, Actual Value and the sum Actual Value of the lower level items.

Cause

This report displays the scaled receipt quantity of multilevel procurement alternatives (production, subcontracting, transfer posting) and the cost estimate items valuated with actual prices. It shows only a rough overview and can't fulfill the expectation to explain the price due to technical design. The below are reasons that will cause the difference:

- Manual postings, freights, overhead postings and order settlement postings are included in header material but they are not in the structure view.
- There may be input materials which are with price control 'V'. The system reads most current V price when displaying quantity structure for input materials, while the value for the header material shows the price when the input materials were consumed.
- The multilevel procurement alternatives and differences are displayed in the structure but not in the

consumption alternatives (e.g. production).

- For activity update '1', the actual activity price is same as preliminary price. These activity types are not relevant to price determination. The price differences go to the material during the order settlement.

Resolution

1. The valuated multilevel quantity structure provides an overview only. Please, use the material price analysis in CKM3N for detailed evaluations of the quantity and value flow.
2. Please also check SAP Note [1004597](#) for more information.

Keywords

CKM3N, CKMLQS, Inconsistent value, Inconsistency, Material Ledger, sub-contracting, multi-level, activity types, activity type, routing, lower levels, Receipts from Lower Levels, CKMLCPAVR, alternative valuation, sub total.

Products

- SAP ERP Central Component all versions
- SAP ERP all versions
- SAP R/3 Enterprise all versions
- SAP R/3 all versions
- SAP enhancement package for SAP ERP all versions
- SAP enhancement package for SAP ERP, version for SAP HANA all versions

This document refers to

SAP Note/KBA	Title
1004597	CKMLQS: Valuated quantity structure (multilevel)