

# QM : Inspection Lot/Usage (Core Query)



The objective of this documentation is not to allow to recreate from scratch the object but to **explain everything that is not obvious** by looking directly at the query/workbook or **emphases on things that are important** for the report to work.

Remove the sections that are not relevant.

<b>Description</b>	<i>QM : Inspection Lot/Usage (Core Query)</i>
<b>Technical Name</b>	BW_QRY_CPQM04_0001
<b>Application</b>	<i>IA_QM Quality Management</i>
<b>Info-provider</b>	<i>CPQM04</i>
<b>Usage type</b>	<i>Direct execution in analyzer</i>
<b>Expected users</b>	

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## Workbook/Query General Description

This query will be used to display the Conformity Rate in % at by GBU and plant.

Others key figures are also available like Actual Lot Quantity, volume accepted...

## General parameters

### Global properties

Tab	Screenshot	Comment
Display		
Rows/Columns		
Value Display		
Planning		
Extended		









## Variables

### Definitions

Variable Name	Info-object	Selection Type	Required	Description/Explanation
V_LOGSYS_0002 Source System	OLOGSYS	Selection option/Optionnal /ManualEntry	No	SAP Source system
CALMONT2 Calendar Month/Year (Interval, Mandatory)	OCALMONTH	Interval/Mandatory/ManualEntry	Yes	Calendar Month/Year according to the calendar day
VBASE_UOM_05	All KF (Quantity Volume)	Single value/Mandatory/ /ManualEntry	Yes	Value by default => VKG
V_CPFCTR1_2_0008 BFC GBU (Selection Option, Optionnal)	C_MATPNT2__CPFCTR 1_2	Selection option/Optionnal /ManualEntry	No	
V_C_PLANT_0010 Plant (Selection Option, Optionnal)	C_PLANT	Selection option/Optionnal /ManualEntry	No	

V_C_MATNR2_0001 Material (Selection Option, Optional)	C_MATNR2	Selection option/Optional /ManualEntry	No	
V_C_BATCH_0001 Batch (Selection Option, Optional)	C_BATCH2	Selection option/Optional /ManualEntry	No	
V_CPLANT_C_AUTHMA_001 Auth Scope on Plant (Auth with input)	C_PLANT__C_AUTHMA	Single Value/Optional /Authorization	No	

## Variable Sequence

Variables
 [V_LOGSYS_0002] Source System (Selection option, Optional)
 [CALMONT2] Calendar Month/Year (Interval, Mandatory)
 [VBASE_UOM_05] UoM for Qty conversion (Single value, Mandatory)
 [V_CPFCTR1_2_0008] BFC GBU (Selection Option, Optional)
 [V_C_PLANT_0010] Plant (Selection Option, Optional)
 [V_C_MATNR2_0001] Material (Select option, Optional)
 [V_C_BATCH2_001] Batch (Selection Option, Optional)
 [V_CPLANT_C_AUTHMA_001] Auth Scope on Plant (Auth with input)

































## Filters

Object	Filter Value	Explanation
Material Type (C_MATNR2__C_MAT_TYP)	= ZMAT	Only Finished Product

## Key figures

Technical Name <i>Description</i>	Type	Restricted or Calculated Key Figure	Calculation Rule
OILOT_QTY Actual Lot Quantity	Hide (can be shown)		
ZCONF_RATE Conformity Rate (%)	Always show	Calculated Key Figure	<b>Formula</b> Formula: NODIM("[ZCONF_RATE_RCS] Conformity Rate (%) - RCS" + "[ZCONF_RATE_SOLVAY] Conformity Rate (%) - Solvay" + "[ZCONF_RATE_SP] Conformity Rate (%) - Speciality Polymers" + "[ZCONF_RATE_PROX] Conformity Rate (%) - Peroxid" + "[ZCONF_RATE_SOLVAY_SPECIAL_CHEM] Conformity Rate (%) - Solvay - Special Chem" + "[ZCONF_RATE_SOLVAY_SODA_ASH] Conformity Rate (%) - Solvay - Soda Ash")
ZCONF_RATE_RCS Conformity Rate (%) - RCS	Hide (can be shown)	Calculated Key Figure	<b>Formula</b> Formula: NODIM(IF("[BW_RKF_CPQM04_0002] Volume Accepted - RCS" == 0; 0; 100 * "[BW_RKF_CPQM04_0002] Volume Accepted - RCS" / ABS("[OILOT_QTY] Actual lot quantity")))

<p>ZCONF_RATE_SOLVAY</p> <p>Conformity Rate (%) - Solvay</p>	<p>Hide (can be shown)</p>	<p>Calculated Key Figure</p>	<p><b>Formula</b></p> <p>Formula: <math display="block">\text{NODIM}(\text{IF}([\text{BW\_RKF\_CPQM04\_0001}] \text{ Volume Accepted - Solvay} == 0; 0; 100 * [\text{BW\_RKF\_CPQM04\_0001}] \text{ Volume Accepted - Solvay} / \text{ABS}([\text{0ILOT\_QTY}] \text{ Actual lot quantity})))</math></p>
<p>ZCONF_RATE_SP</p> <p>Conformity Rate (%) - Speciality Polymers</p>	<p>Hide (can be shown)</p>	<p>Calculated Key Figure</p>	<p><b>Formula</b></p> <p>Formula: <math display="block">\text{NODIM}(\text{IF}([\text{BW\_RKF\_CPQM04\_0004}] \text{ Volume Accepted - Speciality Polymers} == 0; 0; 100 * [\text{BW\_RKF\_CPQM04\_0004}] \text{ Volume Accepted - Speciality Polymers} / \text{ABS}([\text{BW\_RKF\_CPQM04\_0003}] \text{ Volume Total - Speciality Polymers})))</math></p>
<p>ZCONF_RATE_PROX</p> <p>Conformity Rate (%) - Peroxid</p>	<p>Hide (can be shown)</p>	<p>Calculated Key Figure</p>	<p><b>Formula</b></p> <p>Formula: <math display="block">\text{NODIM}(\text{IF}([\text{BW\_RKF\_CPQM04\_0005}] \text{ Volume Accepted - Peroxid} == 0; 0; 100 * [\text{BW\_RKF\_CPQM04\_0005}] \text{ Volume Accepted - Peroxid} / \text{ABS}([\text{0ILOT\_QTY}] \text{ Actual lot quantity})))</math></p>
<p>ZCONF_RATE_SOLVAY_SPECIAL_CHEM</p> <p>Conformity Rate (%) - Solvay - Special Chem</p>	<p>Hide (can be shown)</p>	<p>Calculated Key Figure</p>	<p><b>Formula</b></p> <p>Formula: <math display="block">\text{NODIM}(\text{IF}([\text{BW\_RKF\_CPQM04\_0006}] \text{ Volume Accepted - Solvay - Special Chem} == 0; 0; 100 * [\text{BW\_RKF\_CPQM04\_0006}] \text{ Volume Accepted - Solvay - Special Chem} / \text{ABS}([\text{0ILOT\_QTY}] \text{ Actual lot quantity})))</math></p>
<p>ZCONF_RATE_SOLVAY_SODA_ASH</p> <p>Conformity Rate (%) - Solvay - Soda Ash</p>	<p>Hide (can be shown)</p>	<p>Calculated Key Figure</p>	<p><b>Formula</b></p> <p>Formula: <math display="block">\text{NODIM}(\text{IF}([\text{BW\_RKF\_CPQM04\_0007}] \text{ Volume Accepted - Solvay - Soda Ash} == 0; 0; 100 * [\text{BW\_RKF\_CPQM04\_0007}] \text{ Volume Accepted - Solvay - Soda Ash} / \text{ABS}([\text{0ILOT\_QTY}] \text{ Actual lot quantity})))</math></p>
<p>BW_RKF_CPQM04_0001</p> <p>Volume Accepted - Solvay</p>	<p>Hide (can be shown)</p>	<p>Restricted Key Figure</p>	<p><b>Selection</b></p> <ul style="list-style-type: none"> <li>  [1KYFNM] Key Figures <ul style="list-style-type: none"> <li> [0ILOT_QTY] Actual lot quantity</li> </ul> </li> <li>  [C_VCODE] Usage Decision Code <ul style="list-style-type: none"> <li> [A0] A0</li> </ul> </li> <li>  [0LOGSYS] Source System <ul style="list-style-type: none"> <li> [V_0LOGSYS_0012] Source System SOLVAY legacy</li> </ul> </li> <li>  [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit <ul style="list-style-type: none"> <li> [SP] SPECIALTY POLYMERS</li> <li> [PE] PEROXIDES</li> </ul> </li> </ul>
<p>BW_RKF_CPQM04_0002</p> <p>Volume Accepted - RCS</p>	<p>Hide (can be shown)</p>	<p>Restricted Key Figure</p>	<p><b>Selection</b></p> <ul style="list-style-type: none"> <li>  [1KYFNM] Key Figures <ul style="list-style-type: none"> <li> [0ILOT_QTY] Actual lot quantity</li> </ul> </li> <li>  [C_VCODE] Usage Decision Code <ul style="list-style-type: none"> <li> [A] A</li> </ul> </li> <li>  [0LOGSYS] Source System <ul style="list-style-type: none"> <li> [V_0LOGSYS_0011] Source System RCS legacy</li> </ul> </li> <li>  [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit <ul style="list-style-type: none"> <li> [PE] PEROXIDES</li> </ul> </li> </ul>

BW_RKF_CP QM04_0005  Volume Accepted - Peroxid	Hide (can be shown)	Restricted Key Figure	<div style="background-color: #f0f0f0; padding: 5px;"><b>Selection</b></div> <hr/> <ul style="list-style-type: none"> <li>  [1KYFNM] Key Figures           <ul style="list-style-type: none"> <li> [0ILOT_QTY] Actual lot quantity</li> </ul> </li> <li>  [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit           <ul style="list-style-type: none"> <li> [PE] PEROXIDES</li> </ul> </li> <li>  [C_VCODE] Usage Decision Code           <ul style="list-style-type: none"> <li> [A4] A4</li> </ul> </li> </ul>
BW_RKF_CP QM04_0006  Volume Accepted - Solvay - Special Chem	Hide (can be shown)	Restricted Key Figure	<div style="background-color: #f0f0f0; padding: 5px;"><b>Selection</b></div> <hr/> <ul style="list-style-type: none"> <li>  [1KYFNM] Key Figures           <ul style="list-style-type: none"> <li> [0ILOT_QTY] Actual lot quantity</li> </ul> </li> <li>  [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit           <ul style="list-style-type: none"> <li> [CH] SPECIAL CHEM</li> </ul> </li> <li>  [C_VCODE] Usage Decision Code           <ul style="list-style-type: none"> <li> [A] A</li> </ul> </li> <li>  [0LOGSYS] Source System           <ul style="list-style-type: none"> <li> [V_0LOGSYS_0012] Source System SOLVAY legacy</li> </ul> </li> </ul>
BW_RKF_CP QM04_0007  Volume Accepted - Solvay - Soda Ash	Hide (can be shown)	Restricted Key Figure	<div style="background-color: #f0f0f0; padding: 5px;"><b>Selection</b></div> <hr/> <ul style="list-style-type: none"> <li>  [1KYFNM] Key Figures           <ul style="list-style-type: none"> <li> [0ILOT_QTY] Actual lot quantity</li> </ul> </li> <li>  [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit           <ul style="list-style-type: none"> <li> [SD] SODA-ASH</li> </ul> </li> <li>  [C_VCODE] Usage Decision Code           <ul style="list-style-type: none"> <li> [A] A</li> </ul> </li> <li>  [0LOGSYS] Source System           <ul style="list-style-type: none"> <li> [V_0LOGSYS_0012] Source System SOLVAY legacy</li> </ul> </li> </ul>
BW_RKF_CP QM04_0004  Volume Accepted - Speciality Polymers	Hide (can be shown)	Restricted Key Figure	<div style="background-color: #f0f0f0; padding: 5px;"><b>Selection</b></div> <hr/> <ul style="list-style-type: none"> <li>  [1KYFNM] Key Figures           <ul style="list-style-type: none"> <li> [0ILOT_QTY] Actual lot quantity</li> </ul> </li> <li>  [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit           <ul style="list-style-type: none"> <li> [SP] SPECIALTY POLYMERS</li> </ul> </li> <li>  [C_VALCLAS] Valuation class           <ul style="list-style-type: none"> <li> [Z100] Z100</li> </ul> </li> <li>  [0LOGSYS] Source System           <ul style="list-style-type: none"> <li> [V_0LOGSYS_0012] Source System SOLVAY legacy</li> </ul> </li> <li>  [C_VCODE] Usage Decision Code           <ul style="list-style-type: none"> <li> [A0] A0</li> </ul> </li> </ul>

BW_RKF_CP QM04_0003  Volume Total - Speciality Polymers	Hide (can be shown)	Restricted Key Figure	<div style="border: 1px solid gray; padding: 5px;"> <p><b>Selection</b></p> <ul style="list-style-type: none"> <li> <input type="checkbox"/> [1KYFNM] Key Figures           <ul style="list-style-type: none"> <li><input type="checkbox"/> [0ILOTT_QTY] Actual lot quantity</li> </ul> </li> <li> <input type="checkbox"/> [C_MATPNT2_CPFCTR1_2] BFC Global Business Unit           <ul style="list-style-type: none"> <li><input type="checkbox"/> [SP] SPECIALTY POLYMERS</li> </ul> </li> <li> <input type="checkbox"/> [C_VALCLAS] Valuation class           <ul style="list-style-type: none"> <li><input type="checkbox"/> [Z100] Z100</li> </ul> </li> <li><input type="checkbox"/> [0LOGSYS] Source System</li> </ul> </div>
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## Characteristics

Location	Info-object Name	Info-object Text	Explanation (if needed)
Row	C_MATPNT2__CPFCTR1_2	BFC Gloabl Business Unit	Key / Text
Row	0LOGSYS	Source System	Do not display
Row	C_PLANT	Plant	Key / Text
Column	0CALMONTH	Calendar Year / Month	Key
Free	0CALDAY	Calendar Day	Key
Free	CINSP_LOT	Inspection Lot Number	Key
Free	C_BATCH2	Batch Number	Key
Free	C_CUSTID	Customer Number	Key
Free	C_MATNR2	Material	Key
Free	C_PUR_ORG	RCS / Purchase Organisation	Key
Free	C_SAL_ORG	Sales Organization	Key
Free	C_VCODE	Usage Decision Code	Key
Free	C_VENDID	Vendor Number	Key
Free	C_MATNR2__C_MAT_TYP	Material Type	Key
Free	C_VALCLAS	Valuation Class	Key

## Cells

## Conditions

Condition Name	Active By default	Key Figure (Structure)	Operator	Value	Characteristic Assignment

## Exceptions

Exception Name	Active By default	Alert Level	Operator	Value	Other parameters (if different from default)
	Yes/No				