



**Thermo Scientific IonCount Solution**



## **Complete solution for** **Pharmaceutical Counterions**

Instrumentation • Pre-Programmed Methods • Columns • Test-Samples

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# Counterions in the Pharmaceutical Industry

More than 50% of all pharmaceutical active ingredients (API's) are administered as salts. We know obtaining qualitative and quantitative information of pharmaceutical drugs and residual salts is critical for determining the purity, mass balance and stoichiometry of drug formulations. The new Thermo Scientific™ IonCount solution simplifies the analysis and setup of complete HPLC workflows for your common and less common organic and inorganic counterions.

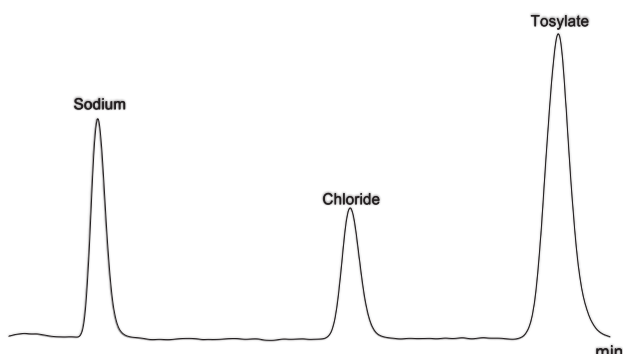
## IonCount Solution

### This solution offers:

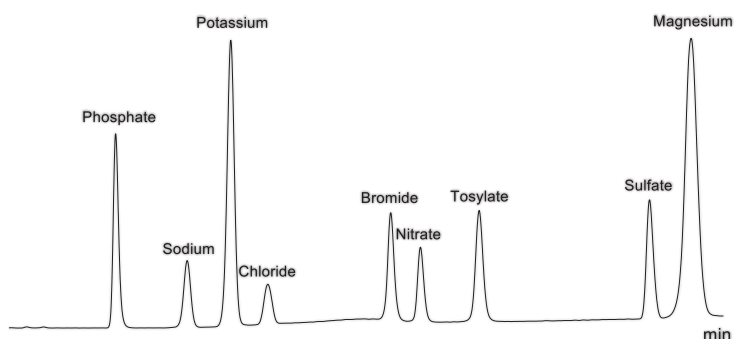
- Sensitive detection and reliable quantitation with charged aerosol detection and proven Thermo Scientific™ Dionex™ Ultimate™ 3000 LC system and Thermo Scientific™ Dionex™ Viper™ fingertight fitting technology
- Complete application kits with columns and standards using innovative mixed mode column technology
- Easy operation and data processing with ready-made reports using Thermo Scientific™ Dionex™ Chromeleon™ 7.2 Chromatography Data System (CDS) software
- Pre-defined eWorkflows for counterion screening and optional active pharmaceutical ingredient quantitation
- Constant quality control by reference standards in combination with smart Chromeleon CDS reporting



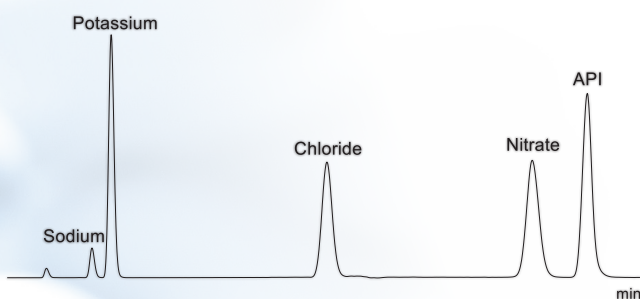
# Examples of the solution



**IonCount** comes with a reference standard which can be used to track column (Thermo Scientific™ Acclaim™ Trinity™ P1 and P2 columns) and system performance.



**Dedicated IonCount eWorkflow** allows the analysis of a broad variety of common counterions with only one injection.



**Other eWorkflows** facilitate the analysis of an API with its corresponding counterion. All eWorkflows come with intelligent Chromeleon CDS reporting.



# Ordering Information

To order, use the following part numbers and contact your local Thermo Scientific office or distributor nearest you. In the U.S., call (800) 346-6390. In other regions, refer to the phone numbers below.

UHPLC System for Counterion Analysis	Part Number
Thermo Scientific Dionex UltiMate 3000 SD System Package including Corona Veo	5200.0002
Including: Solvent rack SR-3000; analytical pump LPG-3400SD; autosampler WPS-3000TSL; column compartment TCC-3000SD; UV detector VWD-3100; analytical flow cell with 11 µL, 10 mm, SST; Corona Veo and Chromeleon CDS software, version 7.2	

IonCount Chromatography Starter Kit	Part Number
Chromatography Starter Kit	6200.0002
Including: Acclaim Trinity P1, 3 µm, 3.0 x 50mm; Acclaim Trinity P2, 3 µm, 3 x 50 mm; Acclaim SST Guard Holder V-2; Acclaim Trinity P1 Guard Cartridges, 3µm, 3 x 1mm; Acclaim Trinity P2 Guard Cartridges, 3µm, 3 x 1mm; Viper Capillary, ID x L 0.10 x 65 mm, SST; Optima LC-MS ammonium formate; Optima LC-MS formic acid, IonCount Reference Standard, CD with eWorkflow and Operating Instructions	

Additional Columns	
Acclaim Trinity P1 Columns	
Acclaim Trinity P1, 3 µm, 3.0 x 150 mm	075563
Acclaim Trinity P1, 3 µm, 3.0 x 100 mm	071387
Acclaim Trinity P1, 3µm, 2.1 x 150 mm	075564
Acclaim Trinity P1, 3µm, 2.1 x 100 mm	071389
Acclaim Trinity P1, 3µm, 2.1 x 50 mm	075565
Acclaim Trinity P1, 3µm Guard column, 2.1 x 10mm	071391
Acclaim Trinity P2 Columns	
Acclaim Trinity P2, 3µm, 3.0 x 100 mm	085434
Acclaim Trinity P2, 3µm, 2.1 x 100 mm	085431
Acclaim Trinity P2, 3µm, 2.1 x 50 mm	085432
Acclaim Trinity P2, 3µm Guard column, 2.1 x 10mm	085435

Individual items of the UltiMate 3000 system packages and Isohumulones starter kits can be ordered separately.

**Find more information at [www.thermoscientific.com/applicationkits](http://www.thermoscientific.com/applicationkits).**

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