

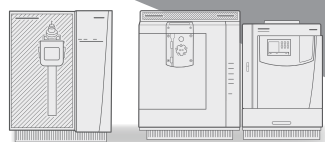
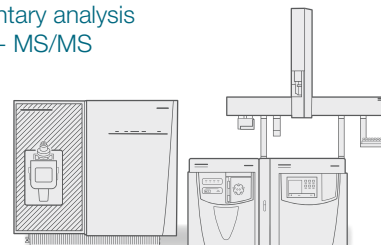
Ingredient and product monitoring

- Monitor nitrite and amine levels during manufacturing process and storage
- Risk monitoring



Routine Screening

- Sensitive, high throughput assays
- Complementary analysis
- LC and GC- MS/MS



High resolution Orbitrap MS

Highly confident detection

- High resolution accurate mass detection
- Impurity assessment and exploratory analysis
- Confident confirmation
- Routine assay capable



Triple quadrupole MS








GMP compliant software for all analyses



Featured nitrosamine solutions

We're here for you each step of the way...

Solutions to help address regulatory needs

Requirement	Example approach	API	Separation	Detection	Download
Fit-for-purpose, reliable quantitative screening	Highly sensitive and robust LC-MS/MS solution for quantitation of nitrosamine impurities in metformin drug products	Metformin	LC	Triple quad MS	
	Determination of genotoxic nitrosamines in Valsartan	Valsartan	GC	Triple quad MS	
Future proof your lab with absolute confidence and quantitation	A validated method for the rapid determination of fifteen nitrosamines in metformin drug substance	Metformin	GC	High resolution MS	
	HRAM LC-MS method for the determination of nitrosamine impurities in drugs	Ranitidine	LC	High resolution MS	
	HRAM LC-MS methodology for the determination and quantitation of nitrosamine impurities in drug products	Ranitidine Valsartan	LC	High resolution MS	
Ingredient and product monitoring	Overcoming the challenges of nitrosamine impurities in drugs: What Pharmaceutical QA/QC laboratories need to know	Metformin Valsartan	GC	High resolution MS Triple quad MS	
	Determination of dimethylamine and nitrite in pharmaceuticals by ion chromatography to assess the likelihood of nitrosamine formation	Multiple	IC	UV / CD	

View the compliance-ready mass spectrometry brochure 

Need more information? Contact a specialist 

Find out more at thermofisher.com/nitrosamine