## A library of solutions for your excipient supplier audit needs.

We understand that excipient supplier audits can be costly and time-consuming for drug and nutritional supplement manufacturers. With a growing focus on the compliance of manufacturers and the increasing adoption of the joint International Pharmaceutical Excipients Council (IPEC)/ Pharmaceutical Quality Group (PQG) Good Manufacturing Practices (GMP) audit guidelines, the monitoring of excipient production continues to receive increasing regulatory attention, resulting in increased excipient reviews by the FDA.

Univar Solutions Supplier Audit Library can help you navigate the complexities of the supplier excipient auditing process. We deliver audits using the IPEC/PQG GMP Guide for pharmaceutical excipients, the broadest excipient portfolio from industry leading producers.



PHARMACEUTICAL INGREDIENTS | USA



## Solutions for your audit requirements.

Excipients are used in nearly every drug and/or nutritional supplement formulation, and manufacturers can be faced with an enormous volume of audit requests. As a result, manufacturers have limited audit dates available and may even charge a fee to perform an audit for all but their largest customers.

Through our certified third-party service, Univar Solutions conducts audits of major excipient partners. The library's audit packages include the initial audit, observed non-conformances and the excipient producer responses. Audits are scheduled on a three-year rotation, or sooner if required, and include comprehensive reporting and customized access when and where you need it.

Univar Solutions supplier audit library, expertise and guidance, provide an end-to-end solution for the complex excipient audit process, and helps free your internal regulatory resources.

SUPPLIER	PRODUCT(S)		AUDI	DATES	
Calumet Specialty Products	Mineral oil and petrolatum – Karns City, PA	June 2011	June 2014	September 2017	September 2020
Calumet Specialty Products	Mineral oil and petrolatum – Dickinson, TX	June 2011	May 2014	September 2017	September 2020
Dow	CARBOWAX™ SENTRY™ PEG solids – St. Charles, LA	May 2010	May 2013	April 2016	October 2019
Dow	CARBOWAX™ SENTRY™ PEG liquids – Plaquemine, LA	May 2010	May 2013	February 2017	
DuPont	METHOCEL <sup>™</sup> Premium – Plaquemine, LA	December 2010	August 2013	February 2017	
DuPont	METHOCEL <sup>™</sup> Premium – Midland, MI	September 2010	February 2014	June 2017	
DuPont	Healthcare silicones – Hemlock, Ml	September 2019			
Emerald Kalama Chemical	Sodium benzoate NF	June 2015	January 2019		
Emerald Kalama Chemical	Benzyl alcohol NF	June 2015	January 2019		
Emerald Kalama Chemical	Benzyl alcohol NF parenteral	June 2015	January 2019		
ExxonMobil	IPA USP	May 2013	November 2016	September 2019	
Honeywell	Acetone NF	March 2013			
Ineos	Ethyl acetate – Hull, U.K.	February 2011			
Ingredion	Liquid sorbitol 70%, liquid maltitol, and crystalline sorbitol	April 2009	December 2012	February 2016	August 2019
Innophos	Dicalcium phosphates – pharma grade	October 2009	December 2012	April 2016	
Lyondell	Propylene glycol USP	March 2012	November 2015	December 2018	September 2021
SpecGX	Magnesium and calcium pharma stearates	October 2009	January 2013	September 2018	April 2022
Oxiteno	Alkest <sup>®</sup> (sorbitan monolaurate and polysorbate)	September 2011			
Proctor & Gamble	Glycerine – Cincinnati, OH	February 2011	September 2014	August 2017	October 2021

## For more information call us at +1 800.531.7106 or visit UnivarSolutions.com/Pharma



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