

## **NiCHE Case Study**



### **2,4-Dichlorobenzoic acid**

#### **Problem:**

A U.S. pharmaceutical customer was having difficulty sourcing 2,4-dichlorobenzoic acid at a high-enough purity to be suitable for use in its process. The main challenge it faced was having regioisomer impurities that were too high.

#### **NiCHE Solution:**

Within a month of being approached, NiCHE Materials had found a manufacturer capable of producing the target material, in the quantity and quality required, which was:

- Assay (GC) 99.75%
- Single maximum impurity of 0.05%

All documentation supporting the route of synthesis were also provided, as the 2,4-dichlorobenzoic acid was a critical material in the process.

#### **Long-term Outcome:**

Despite this project being concluded, NiCHE Materials has subsequently been able to create significant value for this customer, and others in the commodities market that are in need of this material.

