The Cross-track Infrared Sounder (CrIS) is a Fourier Transform Spectrometer (FTS) flying onboard the Suomi National Polar-orbiting Partnership (Suomi NPP) UOMI-NPP satellite that was launched on October 28th 2011. Since the beginning of the mission, calibration and validation activities have led to the achievements of the beta and provisional maturity levels of the CrIS Sensor Data Record (SDR) product. The validated level is expected to be reached in January 2014. This presentation summarizes the results from the SDR quality assessment work for achieving validated product status. The instrument noise level is evaluated by analyzing the Noise Equivalent Differential Radiance (NEdN) and its stability over the past 18 months. The spectral accuracy is estimated by comparing channel frequencies between observed and simulated spectra through analyzing their maximum correlation. The radiometric accuracy is evaluated by comparing CrIS radiance measurements with IASI, AIRS and VIIRS. The geolocation accuracy is determined by comparing CrIS observations with measurements from VIIRS IR image band I5 band (11.4 μm) over highly inhomogeneous scenes. All the CrIS performance and SDR requirements have been met. The radiance noise levels of the three bands are well below the specifications, by 30% to 90%. The spectral uncertainty is in the range of 2-3 ppm. The agreements between CrIS and IASI/AIR/VIIRS are better than 0.3 K. The consistencies of the radiometric and spectral performances among the 9 field-of-views (FOVs) that form a field-of-regard (FOR) are better than 0.1 K and 1 ppm, respectively. The geolocation uncertainty for near nadir pixels is less than 0.4 km.