



Association of Plastic Recyclers
1776 K Street, NW
Washington DC 20006

www.plasticsrecycling.org

5 October 2021

Ms. Amy Hu
Shenzhen Beauty Star Co., Ltd
No.1001, Longgang Road, (Pingdi section), Longgang District
Shenzhen, Guangdong Province
China. 518117

Dear Ms. Hu:

APR, the Association of Plastic Recyclers, is pleased to recognize Shenzhen Beauty Star's HDPE tubes with or without EVOH barrier layer, UV-cured flexo printing, and HDPE closures as meeting or exceeding the most strict APR HDPE Critical Guidance criteria of HDPE-CG-01 and hereby so states. This APR recognition is based on the technical recyclability of the packaging tube innovation with less than 3% EVOH barrier material and with injection molded HDPE caps and of tubes with and without UV flexo printing with HDPE bottles.

A Review Committee, appointed per the APR Recognition Operating Procedures, reviewed your 25 February and 16 August 2021 data submissions and concluded the data were correctly obtained by a qualified laboratory and were completely presented to show the tubes submitted meet or exceed the most challenging test conditions and strictest APR Critical Guidance criteria.

This APR Recognition applies to the tubes on which data were submitted. The HDPE Critical Guidance document that was used to evaluate the Beauty Star tubes is the product of a multi-industry consensus process to identify and address certain key technical considerations related to the recycling of postconsumer items with HDPE bottles. The Document directs innovators to conduct specific testing per established testing procedures and then provides the innovator with guidance to interpret the results. The protocol is intended to help improve the quality of the recycled bottle stream by aiding innovators in making informed decisions about the consequences of packaging innovations. APR thanks Beauty Star for voluntarily submitting its packaging tube for Recognition examination. The impact of these protocols is beneficial to world-wide recycling efforts. Meeting the Critical Guidance Document guidelines is a truly significant step in demonstrating overall recyclability of your decorated tube and tubes with EVOH barrier and HDPE closure.

Our recognition applies only to the tubes submitted for examination. While this Recognition speaks to the compatibility of your tubes with HDPE bottle recycling, it does not speak to collection of used tubes or include other tubes in the market that may conflict with the HDPE bottle recycling process. We encourage Beauty Star for to be sure in its packaging information that the public does not misunderstand that this Recognition applies to look-alike tubes or to believe collection is happening when it is not. We also request all tubes be so constructed as pass the APR size sorting test.

Yours truly

APR President and CEO

The Voice of Plastics Recycling™

